

---

**DRAFT  
GROUNDWATER MONITORING  
DATA SUMMARY REPORT  
FIRST QUARTER 1994**

**DOUGLAS AIRCRAFT COMPANY C-6 FACILITY  
TORRANCE, CALIFORNIA**

**K/J 924010.01**

**MARCH 1994**

**Kennedy/Jenks Consultants**

**DRAFT**  
**GROUNDWATER MONITORING DATA SUMMARY REPORT**  
**FIRST QUARTER, 1994**

**DOUGLAS AIRCRAFT COMPANY C-6 FACILITY**  
**TORRANCE, CALIFORNIA**  
**(K/J 924010.01)**

**TABLE OF CONTENTS**

<b><u>SECTION</u></b>	<b><u>TITLE</u></b>	<b><u>PAGE</u></b>
1.0	INTRODUCTION	1
2.0	QUARTERLY MONITORING PROGRAM	1
	2.1 Groundwater Sampling Procedures	1
	2.2 Field QA/QC Procedures	2
3.0	EVALUATION OF ANALYTICAL RESULTS	2
	3.1 Groundwater Gradient	2
	3.2 Analytical Data	3

**LIST OF TABLES**

<b><u>TABLE</u></b>	<b><u>TITLE</u></b>
1	Observation Well Construction Details
2	Cumulative Summary of Observation Well Data (EPA Method 8240/8260)
3	Cumulative Summary of Observation Well Data (EPA Method 8240/8260), Minor Constituents
4	Summary of Groundwater Elevation Data

## TABLE OF CONTENTS (continued)

### LIST OF FIGURES

<u>FIGURE</u>	<u>TITLE</u>
1	Site Vicinity Map
2	Groundwater Observation Well Locations
3	Observation Well Detected Chemical Concentrations, November 1993 Sampling Event
4	Estimated Groundwater Elevation Contour Map, Shallow Zone, November 1993 Sampling Event

### APPENDICES

<u>APPENDIX</u>	<u>TITLE</u>
A	Laboratory Data Sheets
B	Laboratory/Field Quality Control Data Sheets
C	Groundwater Purge and Sample Forms
D	Chain-of-Custody Records

## **1.0 INTRODUCTION**

The Douglas Aircraft Company (DAC) C-6 Facility is located at 19503 South Normandie Avenue, Torrance, California (Figure 1). Quarterly groundwater sampling is being conducted in response to the California Regional Water Quality Control Board -Los Angeles Region correspondence to DAC, dated 7 April 1992. This report summarizes laboratory analytical data generated through the chemical analysis of groundwater samples collected during the period of 23 and 24 February 1994, First Quarter 1994.

## **2.0 QUARTERLY MONITORING PROGRAM**

First Quarter 1994 groundwater sampling was performed in accordance with standard sampling procedures. Static water level depths were measured on 23 February 1994 prior to initiating purging of groundwater from any observation wells. Static water depths on monitoring wells (MW-9, MW-18 and MW-19) located in the southern portion of DAC property installed for the Montrose Chemical Corporation Remedial Investigation were not measured for this quarter.

Groundwater samples were collected from the following fifteen wells (Figure 2) and chemically analyzed for volatile organic compounds (VOCs) by EPA Method 8240/8260 for the First Quarter 1994.

WCC-1S, WCC-2S, WCC-3S, WCC-4S, WCC-5S, WCC-6S, WCC-7S, WCC-8S, WCC-9S, WCC-10S, WCC-11S, WCC-12S, WCC-1D, WCC-3D, and DAC-P1.

Table 1 summarizes observation well construction details. Tables 2 and 3 summarize the results of chemical analysis of groundwater samples and duplicates for major and minor constituents at the C-6 facility, respectively. Chemicals detected in samples from each observation well are shown on Figure 3. Table 4 summarizes available measured groundwater elevations to date. Estimated groundwater elevation contours for the First Quarter are presented on Figure 4. Copies of laboratory data sheets, laboratory/field Quality Control data sheets, groundwater purge and sample forms, and Chain-of-Custody records are included in Appendices A, B, C, and D respectively.

### **2.1 Groundwater Sampling Procedures**

Prior to collecting groundwater samples from each well, groundwater was purged using an electrical submersible pump that was temporarily installed in the observation well. Observation well WCC-1S was purged with a bailer since the 2-inch casing size would not accommodate a pump. After lowering the pump to the approximate mid-point of the saturated well screen, approximately three to five wetted casing volumes of groundwater were purged from the well until the following groundwater monitoring parameters had stabilized to within 10% of preceding values: pH, electrical conductivity, temperature and clarity. Purged groundwater was stored onsite in DOT approved 55 gallon barrels pending the results of laboratory analysis of samples.

Following groundwater purging, the submersible pump was removed from the well and a representative groundwater sample was collected using a steam-cleaned stainless steel point-source bailer equipped with top and bottom ball-check valves. The bailer was lowered to the approximate mid-point of the saturated well screen interval and retrieved to ground surface. The contents of the bailer were drained into three labelled 40-ml capacity vials, preserved with HCL.

## 2.2 Field QA/QC Procedures

Duplicate groundwater samples were collected for the sampling rounds on 23 and 24 February 1994 for quality control purposes. The duplicates were collected in three HCL-preserved vials each and identified by inserting the collection date after "DW-" (DW-022394 and DW-022494). No further sample identification was provided to the laboratory. Samples DW-022394 and DW-022494 were taken from observation wells WCC-3D and WCC-12S, respectively.

Following decontamination of the bailer by steam-cleaning, and prior to collection of groundwater samples from the successive well, equipment rinsate blanks were prepared for laboratory analysis. The equipment rinsate blanks were prepared by pouring Reagent Grade II water, prepared by the analytical laboratory, through the bailer and discharge spigot and collecting the rinsate in one 40-ml vial preserved with HCL. The blanks were identified following a similar protocol to that used for duplicate water samples and are identified as "FB-022394" and "FB-022494". The wells sampled before and after rinsate blank preparation were recorded. FB-022394 was collected after sampling WCC-10S, the last well sampled that day. FB-022494 was collected after sampling well WCC-9S and prior to sampling well WCC-1D. Trip blanks were also analyzed for both days sampling and shipping and are identified by TB-022394 and TB-022494.

All groundwater duplicate and field blank samples were transported in ice-cooled chests to Terra Tech Labs, Inc., Irvine, California using U.S. EPA-recommended Chain-of-Custody procedures.

## 3.0 EVALUATION OF ANALYTICAL RESULTS

### 3.1 Groundwater Gradient

Groundwater levels were measured prior to sampling on 23 February 1994 (Table 4 and Appendix B). The groundwater elevations over the C-6 facility range from 17.88 feet below mean sea level (MSL) to 19.93 feet below MSL. An estimated potentiometric surface map for the shallow zone as measured on this day is presented as Figure 4. Water level measurements show a rise of approximately 0.4 feet over the DAC C-6 facility since the August quarterly monitoring. The groundwater gradient in the shallow zone was generally south-southeast with a southerly trough-like depression in the vicinity of observation wells WCC-7S and WCC-12S.

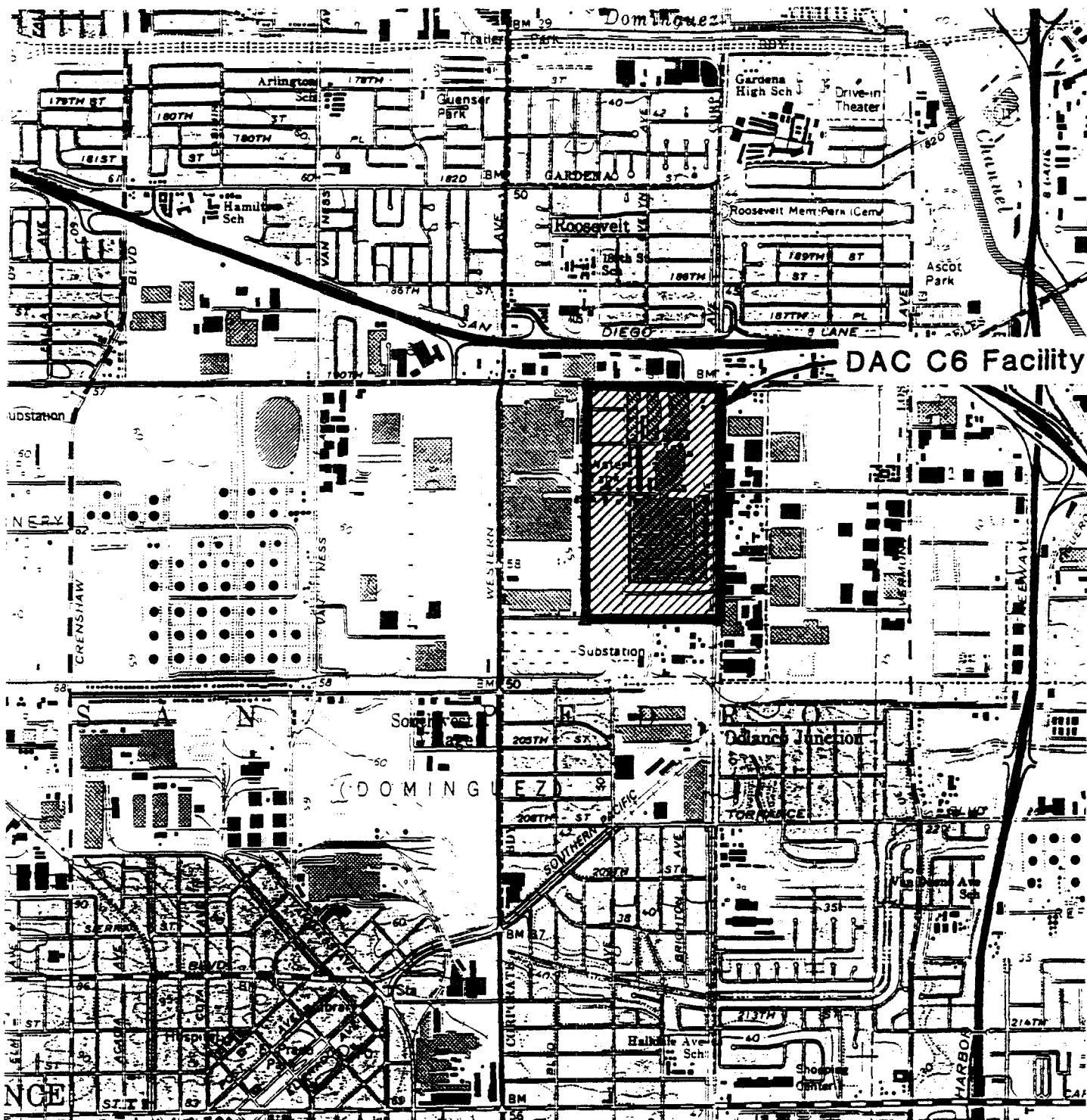
Insufficient data (two wells) are available to define the groundwater gradient in the deeper zone. Groundwater elevation in the two wells (WCC-1D and WCC-3D) is approximately -19.92 and -19.71 feet below MSL, respectively.

### 3.2 Analytical Data

The results of chemical analysis of groundwater and duplicate samples are summarized in Tables 2 and 3. Table 2 lists major constituents and Table 3 lists additional minor constituents of samples tested. The duplicate groundwater samples are indicated by an asterisk and are presented with the "original" groundwater samples. These tables include cumulative analytical data for all monitoring wells and detection limits (where available) for the listed chemicals.

The following observations are noted:

- Data for groundwater samples collected from well DAC-P1, located at the upgradient property boundary, indicate a TCE concentration of 20,000 micrograms per liter ( $\mu\text{g}/\text{L}$ ) coming onto DAC's property. This test result is consistent with prior sampling events. DAC-P1 is screened in the shallow zone.
- Background concentrations of TCE and 1,1-DCE in the shallow zone upgradient or cross gradient wells WCC-10S, WCC-2S, and WCC-11S remain in the range of 100  $\mu\text{g}/\text{L}$  and tens of  $\mu\text{g}/\text{L}$  for TCE and 1,1-DCE, respectively.
- Groundwater elevation data (Figure 4) and chemical concentration data (Figure 3) indicate that chemical transport in the shallow zone is in a generally southerly to southeasterly direction in the vicinity of buildings 36 and 41. Chemical concentration data from the eastern boundary observation wells (WCC-5S, and WCC-9S) are within the same range or lower than upgradient or cross gradient "background level" wells (WCC-10S, WCC-2S and WCC-11S).
- Analytical data from the equipment rinsate blanks, sample duplicates, and laboratory spike and duplicates are indicative of reliable data.
- Well WCC-6S showed significant increases in several chemicals while well WCC-3S showed significant decreases in these same chemicals, specifically 1,1 DCE, 1,1,1 TCA, TCE and MIBK. Well WCC-3S is upgradient of well WCC-6S indicating that a higher concentration slug of these chemicals may be moving downgradient. Additional sampling will allow for an assessment of a trend.
- Chemical concentration variances within all observation wells (other than WCC-6S and WCC-3S discussed above) were within historical ranges.



**Kennedy/Jenks Consultants**

Douglas Aircraft Company  
C6 Facility

### **Site Vicinity Map**



0 1,000 2,000 FEET

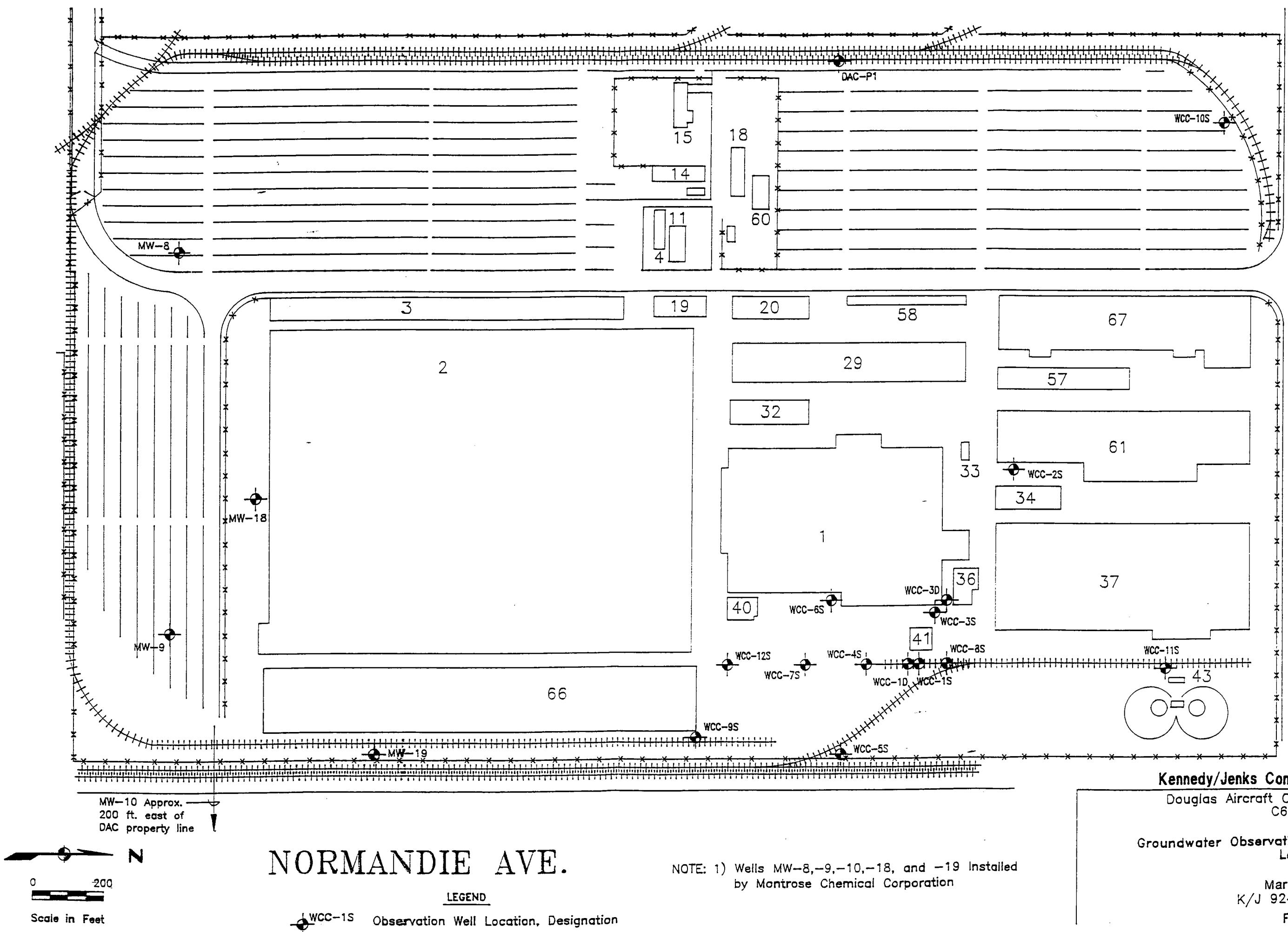
Base Map: U.S.G.S. 7.5 Minute Topographic Map,  
Torrance, California Quadrangle, 1981.

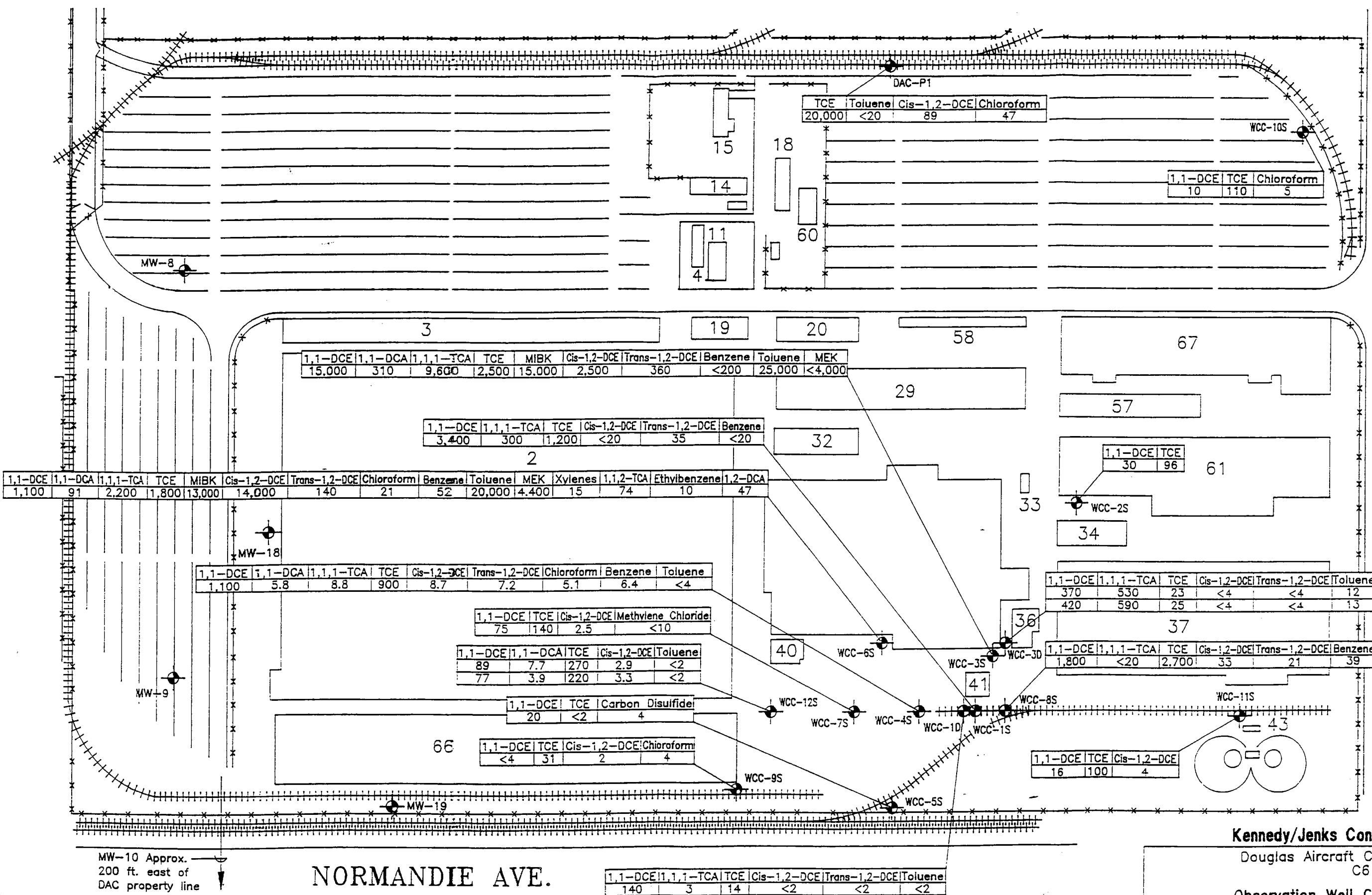
March 1994

K/J 924010.01

**Figure 1**

# 190 TH. ST.





Kennedy/Jenks Consultants

Douglas Aircraft Company  
C6 Facility

Observation Well Chemical  
Concentrations February 1994  
Sampling Event

March 1994

K/J 924010.01

**Figure 3**

Fig. 2 -

NORMANDIE AVE

1,1-DCE	1,1,1-TCA	TCE	Cis-1,2-DCE	Trans-1,2-DCE	Toluene
140	3	14	<2	<2	<2

MW-10 Approx.  
200 ft. east of  
DAC property line

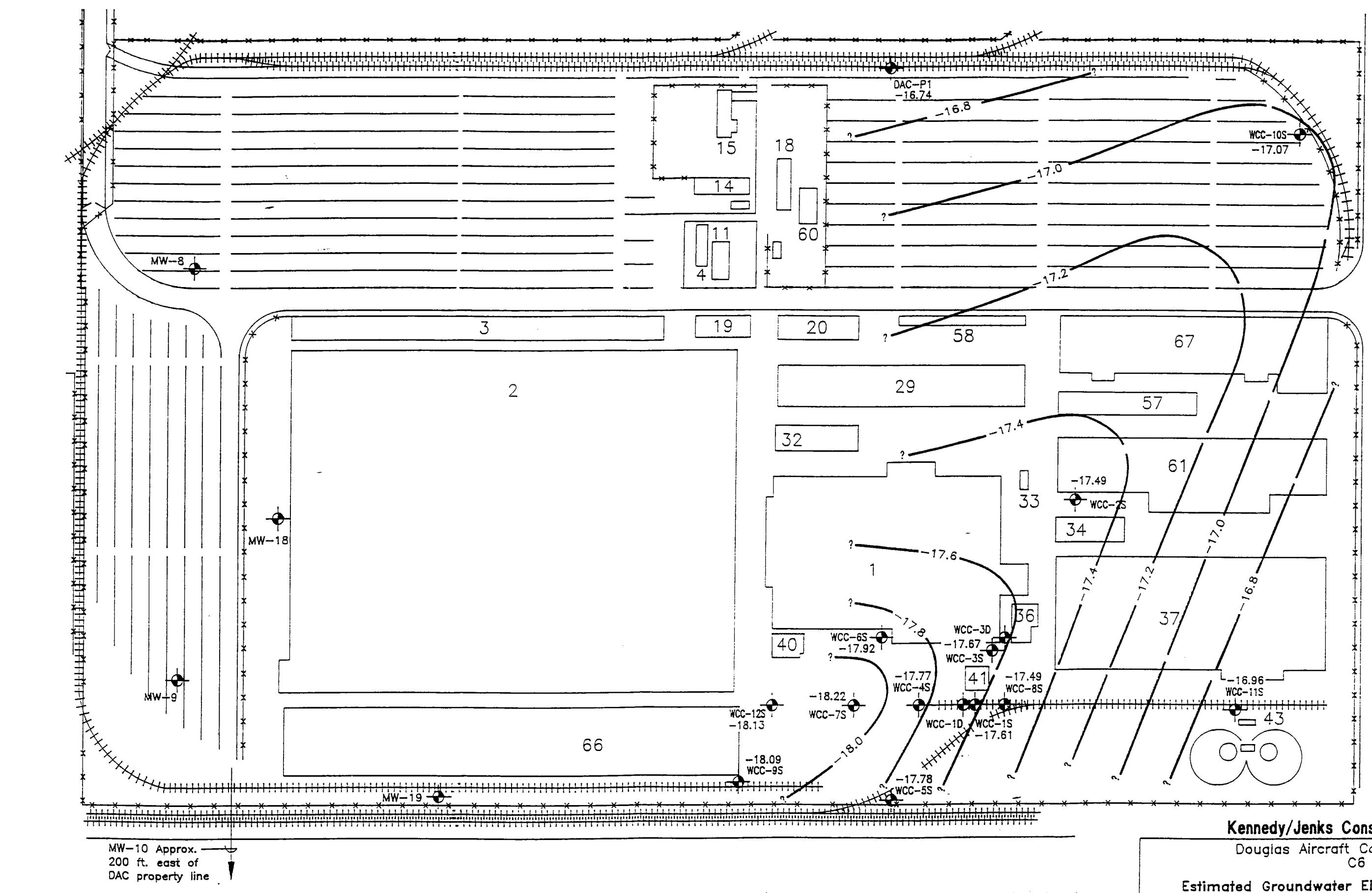
## LEGEND

Observation Well Location Designation

## NOTE

1. Samples Analyzed by EPA Method 8240/8260
  2. All Results Reported in ug/l (ppb)
  3. Wells MW-8,-9,-10,-18 and -19 installed by Montrose Chemical Corporation and are not sampled by Douglas Aircraft Co.
  4. Duplicate samples were analyzed for well WCC-12S and WCC-3D.
  5. <2=compound not detected at a quantitation limit of 2 ug/l. Nondetects posted only for VOCs detected in the well in the previous sample round

# 190 TH. ST.



March 1994  
K/J 924010.01

Figure 4

**TABLE 3**  
**SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS**  
**GROUNDWATER MONITORING DATA SUMMARY REPORT**  
**FIRST QUARTER 1994**  
**DOUGLAS AIRCRAFT C-6 FACILITY**  
**TORRANCE, CA**

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	Acetone	Total Xylenes	Trichloro-fluoromethane	Methylene Chloride	Carbon Tetra-Chloride	1,1,2-TCA	PCE	Carbon Disulfide	Ethyl-Benzene	1,2-DCA
WCC-1D	07/25/89	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-
	11/15/91	-	-	-	-	-	-	-	-	-	-
	*06/15/92	<50/<50	-	-	-	-	-	-	-	-	-
	09/22/92	<5	<1	4	11	<1	<1	<1	<1	<1	<1
	*12/07/92	<5/<5	<1/<1	<1/<1	2/2	<1/<1	<1/<1	<1/<1	<1/<1	<1/<1	<1/<1
	03/16/93	<10	<2	<5	<10	<5	<2	<2	<5	<2	<2
	*06/08/93	<200/<80	<10/<4	<10/<4	<20/<10	<10/<4	<20/<8	<10/<4	<10/<4	<10/<4	<10/<4
	08/24/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	11/18/93	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	2/23/94	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
WCC-3D	07/25/89	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-
	11/14/91	-	-	-	-	-	-	-	-	-	-
	06/16/92	<30	-	-	-	-	-	-	-	-	-
	09/22/92	<5	<1	1	8	<1	<1	<1	<1	<1	<1
	12/07/92	<5	<1	<1	1	<1	<1	<1	<1	<1	<1
	*03/16/93	<10/<10	<2/<2	<5/<5	<10/<10	<5/<5	<2/<2	<2/<2	<5/<5	<2/<2	<2/<2
	06/08/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	08/24/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	*11/18/93	<40/<80	<2/<4	<2/<4	<10/<20	<2/<4	<4/<8	<2/<4	<2/<4	<2/<4	<2/<4
	2/23/94	<80	<4	<4	<20	<4	<8	<4	<4	<4	<4

1 \* Duplicate sample also analyzed.

2 - Not Detected ( Detection Limit not specified )

TABLE 4

Page 1 of 2

**SUMMARY OF GROUNDWATER ELEVATION DATA  
GROUNDWATER MONITORING DATA SUMMARY REPORT  
FIRST QUARTER 1994  
DOUGLAS AIRCRAFT C-6 FACILITY  
TORRANCE, CALIFORNIA  
K/J 924010.01**

Observation Well	Reference Point <sup>1</sup> Elevation (Feet Above MSL) <sup>2</sup>	Water Level Elevation (Feet Above Mean Sea Level)					
		01/05/93	04/09/93	06/07/93	08/24/93	11/18/93	2/23/94
WCC-1S	50.70	-19.34	-18.79	-18.75	-18.25	-18.00	-17.61
WCC-2S	50.59	-19.51	-18.64	-18.63	-18.15	-17.87	-17.49
WCC-3S	51.19	-19.73	-18.83	-18.82	-18.36	-18.01	-17.67
WCC-4S	49.69	-19.34	-18.86	-18.78	-18.37	-18.16	-17.77
WCC-5S	48.22	-19.32	-18.83	-18.78	-18.38	-18.13	-17.78
WCC-6S	50.95	-19.50	-19.03	-18.97	-18.55	-18.32	-17.92
WCC-7S	48.29	-19.76	-19.30	-19.23	-18.83	-18.60	-18.22
WCC-8S	50.56	-19.19	-18.69	-18.61	-18.19	-17.89	-17.49
WCC-9S	47.01	-19.56	-19.09	-19.09	-18.69	-18.42	-18.09
WCC-10S	51.12	-19.10	-18.42	-18.33	-17.83	-17.54	-17.07
WCC-11S	49.97	-18.69	-18.13	-18.04	-17.60	-17.36	-16.69
WCC-12S	46.92	-19.74	-19.26	-19.20	-18.78	-18.58	-18.13
DAC-P1	52.44	-18.02	-17.46	-17.38	-17.03	-16.76	-16.74
WCC-1D	50.45	-19.61	-19.10	-19.00	-18.53	-18.34	-17.83
WCC-3D	51.18	-20.52	-18.87	-18.85	-18.40	-18.18	-18.00
MW-8 <sup>e</sup>	49.09	NA <sup>e</sup>	NA	NA	NA	NA	NA
MW-9 <sup>e</sup>	48.67	NA	NA	-20.58	NA	NA	NA
MW-18 <sup>e</sup>	50.29	NA	NA	-20.88	NA	NA	NA
MW-19 <sup>e</sup>	46.55	NA	NA	-20.13	NA	NA	NA

TABLE 4

Page 2 of 2

**SUMMARY OF GROUNDWATER ELEVATION DATA  
GROUNDWATER MONITORING DATA SUMMARY REPORT  
FIRST QUARTER 1994  
DOUGLAS AIRCRAFT C-6 FACILITY  
TORRANCE, CALIFORNIA  
K/J 924010.01**

Observation Well	Reference Point Elevation (Feet Above MSL) <sup>1</sup>	Water Level Elevation (Feet Above Mean Sea Level)			
		11/13/87 <sup>3</sup>	10/18/89 <sup>4</sup>	05/15/92	09/21/92
WCC-1S	50.70	-21.63	-19.48	-19.20	-19.42
WCC-2S	50.59	-19.72	-19.06	-19.15	-19.41
WCC-3S	51.19	-21.56	-19.42	-19.24	-19.52
WCC-4S	49.69	-21.77	-19.59	-19.22	-19.49
WCC-5S	48.22	NA <sup>5</sup>	-19.70	-19.13	-19.42
WCC-6S	50.95	NA	-19.70	-19.40	-19.64
WCC-7S	48.29	NA	-20.07	-19.63	-19.93
WCC-8S	50.56	NA	-19.35	-19.11	-19.34
WCC-9S	47.01	NA	-20.07	-19.44	-19.66
WCC-10S	51.12	NA	-18.42	-18.94	-19.33
WCC-11S	49.97	NA	NA	-17.62	-18.81
WCC-12S	46.92	NA	NA	-19.60	-19.90
DAC-P1	52.44	NA	NA	-17.76	-17.88
WCC-1D	50.45	NA	-19.51	-19.55	-19.92
WCC-3D	51.18	NA	-19.38	-19.39	-19.71
MW-8 <sup>6</sup>	49.09	NA	NA	NA	NA
MW-9 <sup>6</sup>	48.67	NA	NA	NA	NA
MW-18 <sup>6</sup>	50.29	NA	NA	NA	NA
MW-19 <sup>6</sup>	46.55	NA	NA	NA	NA

## Notes:

1. Reference point is north side, top of well casing
2. Reference point elevation measured by Hargis + Associates, Inc.
3. Data taken from Woodward-Clyde Consultants Phase II Report, May 1988.
4. Data taken from Woodward-Clyde Consultants Phase III Report, March 1990.
5. N/A - Not Available - No access to offsite wells.
6. Installed by Hargis + Associates, Inc. for Montrose Chemical Corporation

**TABLE 1**  
**OBSERVATION WELL CONSTRUCTION DETAILS**  
**GROUNDWATER MONITORING DATA SUMMARY REPORT**  
**FIRST QUARTER, 1994**  
**DOUGLAS AIRCRAFT C-6 FACILITY**  
**TORRANCE, CALIFORNIA**  
**K/J 924010.01**

Well	Date Constructed	Well Diameter (Inches)	Total Depth of Borehole (Feet)	Depth of Screened Interval (Feet)	Depth to top of Sand Filter Pack (Feet)	Well Casing Material and Slot Size	Hydrogeologic Unit Screened
WCC-1S <sup>1</sup>	03-26-87	2	91	78-88	72	Schedule 40 PVC 0.020-Inch Slots	Shallow
WCC-2S <sup>1</sup>	10-28-87	4	90.5	70-90	63	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-3S <sup>1</sup>	10-26-87	4	92.0	69-89	64	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-4S <sup>1</sup>	10-27-87	4	91.5	70.5-90.5	65	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-5S <sup>1</sup>	11-24-87	4	91	60.5-91	58.5	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-6S <sup>2</sup>	09-22-89	4	91	60-90	N/A <sup>3</sup>	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-7S <sup>2</sup>	08-08-89	4	90.5	60-90	54	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-8S <sup>2</sup>	08-12-89	4	90	59.5-89.5	54	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-9S <sup>2</sup>	09/21/89	4	91.5	60-90	55	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-10S <sup>2</sup>	08-07-89	4	90.8	60-90	54	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-11S	N/A	4	N/A	60-90(?)	N/A	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-12S	N/A	4	N/A	60-90(?)	N/A	Schedule 40 PVC 0.010-Inch Slots	Shallow
DAC-P1	09-25-89	4	N/A	60-90(?)	N/A	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-1D <sup>2</sup>	08-30-89	4	140	120-140	115	Schedule 40 PVC 0.010-Inch Slots	Deeper
WCC-3D <sup>2</sup>	08-27-89	4	140	120-140	114	Schedule 40 PVC 0.010-Inch Slots	Deeper

TABLE 1 (Continued)  
 OBSERVATION WELL CONSTRUCTION DETAILS  
 GROUNDWATER MONITORING DATA SUMMARY REPORT  
 FIRST QUARTER, 1994  
 DOUGLAS AIRCRAFT C-8 FACILITY  
 TORRANCE, CALIFORNIA  
 K/J 924010.01

Well	Date Constructed	Well Diameter (inches)	Total Depth of Borehole (Feet)	Depth of Screened Interval (Feet)	Depth to top of Sand Filter Pack (Feet)	Well Casing Material and Slot Size	Hydrogeologic Unit Screened
MW-8 <sup>4</sup>	05/10/89	4	85	65-80	62	PVC blank and 316 Stainless Steel 0.020-inch Slot Screen	Shallow
MW-9 <sup>4</sup>	05/09/89	4	85	66-81	61	PVC blank and 316 Stainless Steel 0.020-inch Slot Screen	Shallow
MW-18 <sup>4</sup>	03/29/90	4	84	68-83	67	PVC blank and 316 Stainless Steel 0.020-inch Slot Screen	Shallow
MW-19 <sup>4</sup>	03/30/90	4	80	63-79	62	PVC blank and 316 Stainless Steel 0.020-inch Slot Screen	Shallow

Notes:

1. Data from Woodward-Clyde Consultants Phase II Report, May 1988
2. Data from Woodward-Clyde Consultants Phase III Report, March 1990
3. N/A = Not Available
4. Data from Hargis + Associates, Final Draft, Remedial Investigation, Montrose Site, Torrance, Ca, October 1992

TABLE 2  
SUMMARY OF GROUNDWATER ANALYTICAL DATA  
GROUNDWATER MONITORING DATA SUMMARY REPORT  
FIRST QUARTER 1994  
DOUGLAS AIRCRAFT C-6 FACILITY  
TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
WCC-1S	03/27/87	2800	-	300	4,600	-	-	-	-	85	-	-
	*04/13/87	3,700/2,500	-/-	260/120	5,500/3,600	-/-	-/-	-/-	-/-	110	-/-	-/-
	11/12/87	3,000	23	160	5,200	-	-	75	39	160	-	-
	07/13/89	900	<20	67	2,400	<100	<20	<20	<20	<20	<20	-
	08/23/89	1,500	30	<30	2,800	<100	41	<30	<30	<30	<30	-
	11/18/91	1,300	-	-	3,700	-	-	-	-	-	-	-
	06/17/92	1,700	<50	<50	3,800	<100	<5	<50	<50	<50	<50	<100
	09/23/92	1,500	13	16	3,400	<5	<1	14	13	37	1	<5
	12/09/92	1,500	<30	<30	3,100	<100	<30	<30	<30	30	<30	<100
	03/18/93	1,000	13	15	2,100	<5	27	15	14	33	<2	<10
	06/08/93	1,200	<20	<20	2,400	<200	27	<20	<20	35	<20	<400
	08/25/93	1,700	<20	<20	3,300	<200	27	<20	<20	42	<20	<400
	11/19/93	1,600	<20	<20	2,600	<200	25	<20	<20	38	<20	<400
	2/24/94	3,400	<20	300	1,200	<200	<20	35	<20	<20	<20	<400
WCC-2S	11/02/87	5	-	5	14	-	-	-	-	-	6	-
	11/12/87	2	-	1	4	-	-	-	-	-	1	-
	7/13/89	<1	<1	<1	5	<5	<1	<1	<1	<1	<1	-
	8/23/89	<1	<1	<1	3	<5	<1	<1	<1	<1	<1	-
	11/19/91	30	-	8	110	-	-	-	-	-	75	-
	06/16/92	30	<5	<5	100	<10	<5	<5	<5	<5	<5	<10
	*09/22/92	18/19	<1/<1	<1/<1	110/97	<5/<5	<1/<1	<1/<1	<1/<1	<1/<1	<1/<1	1/1
	*12/08/92	49/27	<1/<1	2/2	140/99	<5/<5	<1/<1	<1/<1	<1/<1	<1/<1	<1/<1	<5/<5
	*03/17/93	32/33	<2/<2	<2/<2	110/100	<5/<5	<2/<2	<2/<2	<2/<2	<2/<2	<2/<2	<10/<10
	06/07/93	48	<2	<2	150	<20	<2	<2	<2	<2	<2	<40
	08/24/93	16	<2	<2	90	<20	<2	<2	<2	<2	<2	<40
	11/19/93	41	<2	<2	94	<20	<2	<2	<2	<2	<2	<40
	2/24/94	30	<2	<2	96	<20	<2	<2	<2	<2	<2	<40
WCC-3S	11/02/87	38,000	-	110,000	10,000	54,000	-	-	-	-	80,000	-
	11/12/87	88,000	1,000	54,000	11,000	70,000	-	1,000	-	-	140,000	-
	07/13/89	18,000	<500	56,000	7,700	<3000	<500	660	<500	<500	32,000	-
	08/23/89	56,000	<1,000	78,000	6,000	<5000	<1,000	<1,000	<1,000	<1,000	56,000	-
	11/14/91	12,000	400	6,900	7,900	70,000	550	550	250	-	27,000	12,000
	06/17/92	25,000	<5,000	13,000	13,000	100,000	<5,000	<5,000	<5,000	<5,000	51,000	<10,000
	09/23/92	22,000	<500	7,800	12,000	82,000	<500	<500	<500	<500	52,000	<3,000
	12/09/92	21,000	<500	5,600	11,000	90,000	700	600	<500	<500	44,000	4,000
	*03/18/93	20,000/20,000	650/510	21,000/22,000	8,800/8,800	44,000/45,000	650/640	640/670	120/110	240/260	42,000/42,000	<50/<50
	06/08/93	16,000	420	5,900	8,600	79,000	520	480	<100	210	37,000	<2,000
	*08/25/93	21,000/20,000	500/560	10,000/9,500	11,000/9,700	50,000/49,000	670/700	680/710	<400/<10	<400/250	46,000/40,000	<8,000/660
	11/19/93	26,000	690	19,000	10,000	47,000	1,100	840	<200	280	50,000	<4,000
	2/24/94	15,000	310	9,600	2,500	15,000	2,500	360	<200	<200	25,000	<4,000

1 \* Duplicate sample also analyzed.

2 - Not Detected ( Detection Limit not specified )

TABLE 2  
 SUMMARY OF GROUNDWATER ANALYTICAL DATA  
 GROUNDWATER MONITORING DATA SUMMARY REPORT  
 FIRST QUARTER 1994  
 DOUGLAS AIRCRAFT C-6 FACILITY  
 TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
WCC-4S	11/02/87	360	-	14	700	-	-	2	2	-	-	-
	11/12/87	1,200	-	35	690	-	-	-	-	-	-	-
	7/13/89	170	<3	11	270	-	10	<3	<3	<3	<3	-
	08/23/89	360	<5	7	410	<20	15	<5	<5	<5	<5	-
	11/18/91	1,000	-	20	2,200	<30	-	-	-	-	-	-
	06/17/92	920	<25	<25	1,500	<50	<25	<25	<25	<25	<25	<50
	09/23/92	1,400	<10	20	1,900	<50	<10	<10	10	<10	<10	<50
	12/08/92	1,000	<10	20	1,600	<50	10	<10	10	<10	<10	<50
	03/17/93	810	8	14	1,200	<5	8	5	5	6	<2	<10
	06/08/93	1,300	<10	12	1,800	<100	10	<10	<10	<10	<10	<200
	08/25/93	1,100	<10	<10	1,400	<100	<10	<10	<10	<10	<10	<200
	11/19/93	610	17	8	700	<40	6	5	<4	4	9	<80
	2/24/94	1,100	5.8	8.8	980	<40	8.7	7.2	5.1	6.4	<4	<80
WCC-5S	11/30/87	7	-	1	-	-	-	-	-	-	1	-
	01/08/88	4	-	10	-	-	-	-	-	-	-	-
	*07/13/89	3/3	<1/<1	13/12	<5/<5	<1/<1	6/6	<1/<1	<1/<1	<1/<1	<1/<1	-
	08/23/89	<1	<1	12	<5	<1	4	<1	<1	<1	<1	-
	11/19/91	20	-	-	8	-	-	-	-	-	7	-
	06/15/92	28	<5	<5	7	<10	<5	<5	<5	<5	<5	<10
	09/21/92	21	<1	<1	5	<5	<1	<1	<1	<1	<1	<5
	12/07/92	21	<1	<1	5	<5	<1	<1	<1	<1	<1	<5
	03/16/93	18	<2	<2	4	<5	<2	<2	<2	<2	<2	<10
	06/07/93	22	<2	<2	4	<20	<2	<2	<2	<2	<2	<40
	08/24/93	23	<2	<2	5	<20	<2	<2	<2	<2	<2	<40
	11/18/93	21	<2	<2	3	<20	<2	<2	<2	<2	<2	<40
	2/23/94	20	<2	<2	<2	<20	<2	<2	<2	<2	<2	<40
WCC-6S	10/06/89	210	4	130	140	<5	12	7	<1	<1	<1	-
	11/16/91	5,800	-	5,000	3,000	17,000	-	-	-	-	35,000	21,000
	06/17/92	5,400	<500	2,100	3,000	7,600	<500	<500	<500	<500	15,000	6,300
	09/23/92	5,900	94	1,300	3,100	7,500	200	170	20	67	10,000	3,600
	*12/09/92	3,700/5,600	80/<100	680/1,400	2,700/3,200	3,400/<500	200/200	100/200	<50/<100	80/<100	5,000/10,000	3,000/5,000
	03/17/93	3,200	50	1,200	1,400	3,900/<500	<10	80	15	40	10,000	3,800
	06/08/93	5,500	<100	1,900	2,100	13,000	260	120	<100	<100	21,000	7,800
	08/25/93	5,400	<100	2,100	1,900	11,000	630	130	<100	<100	19,000	7,600
	11/19/93	2,200	42	440	670	4,700	480	57	<10	24	4,900	3,100
	2/24/94	11,000	91	2,200	1,800	13,000	14,000	140	21	52	20,000	4,400

1 \* Duplicate sample also analyzed.

2 - Not Detected ( Detection Limit not specified )

TABLE 2  
SUMMARY OF GROUNDWATER ANALYTICAL DATA  
GROUNDWATER MONITORING DATA SUMMARY REPORT  
FIRST QUARTER 1994  
DOUGLAS AIRCRAFT C-6 FACILITY  
TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1-DCA	1,1-TCA	TCE	MBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
WCC-7S	07/13/89	850	<10	110	1,300	<50	26	11	<10	<10	<10	-
	08/23/89	1,100	<30	66	1,400	<100	31	<30	<30	<30	<30	-
	11/18/91	390	-	-	1,200	-	-	-	-	-	-	-
	06/17/92	230	<5	<5	560	<10	<5	<5	<5	<5	<5	<10
	09/23/92	140	<5	<5	570	<30	<5	<5	<5	<5	<5	<30
	12/08/92	140	<5	<5	430	<30	<5	<5	<5	<5	<5	<30
	03/17/93	77	<2	<2	200	<5	4	<2	<2	<2	<2	<10
	06/07/93	120	<2	<2	330	<20	4	<2	<2	<2	<2	<40
	08/25/93	70	<4	<4	210	<40	4	<4	<4	<4	<4	<80
	11/19/93	56	<2	<2	130	<20	<2	<2	<2	<2	<2	<40
	2/24/94	75	<2	<2	140	<20	2.5	<2	<2	<2	<2	<40
WCC-8S	07/13/89	430	<5	160	240	<30	7	9	<5	<5	<5	-
	08/23/89	820	<5	130	430	<30	7	<5	<5	<5	<5	-
	11/15/91	2,600	-	400	3,000	-	40	40	25	-	120	-
	*06/17/92	2,200/2,300	<25/<50	180/180	2,400/2,600	<50/<100	<25/<50	<25/<50	<25/<50	<25/<50	<25/<50	<50/<100
	09/23/92	2,800	<20	200	3,100	<100	<20	20	20	<20	<20	<100
	12/08/92	2,000	<20	100	2,500	<100	20	30	20	20	<20	<100
	03/17/93	1,800	11	180	1,500	<5	15	26	10	15	<2	<10
	06/08/93	3,000	<20	300	2,000	<200	<20	40	<20	<20	<20	<400
	08/25/93	3,100	<20	330	2,200	<200	<20	45	<20	<20	<20	<400
	11/19/93	3,300	<20	330	2,000	<200	<20	50	<20	24	<20	<400
	2/24/94	1,800	<20	<20	2,700	<200	33	21	<20	39	<20	<400
WCC-9S	10/06/89	<1	<1	<1	15	<5	7	<1	<1	<1	<1	-
	11/19/91	-	-	-	20	-	-	-	-	-	-	-
	06/15/92	7	<5	<5	42	<10	<5	<5	<5	<5	<5	<10
	09/21/92	6	<1	<1	45	<5	2	<1	6	<1	<1	<5
	12/07/92	10	<1	<1	51	<5	<1	<1	12	<1	<1	<5
	03/16/93	6	<2	<2	23	<5	3	<2	11	<2	<2	<10
	*06/07/93	11/11	<2<2	<2<2	42/39	<20/<20	<2<2	<2<2	18/17	<2<2	<2<2	<40/<40
	08/24/93	5	<2	<2	26	<20	4	<2	<2	<2	<2	<40
	11/18/93	5	<2	<2	43	<20	<2	<2	7	<2	<2	<40
	2/23/94	<4	<2	<2	31	<20	2	<2	4	<2	<2	<40

1 \* Duplicate sample also analyzed.

2 - Not Detected ( Detection Limit not specified )

TABLE 2  
SUMMARY OF GROUNDWATER ANALYTICAL DATA  
GROUNDWATER MONITORING DATA SUMMARY REPORT  
FIRST QUARTER 1994  
DOUGLAS AIRCRAFT C-6 FACILITY  
TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1,1-DCA	1,1,1-TCA	TCE	MBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
WCC-10S	*07/13/89	2/1	<1/<1	<1/<1	86/87	<5/<5	<1/<1	<1/<1	3/3	<1/<1	<1/<1	-
	08/23/89	4	<1	<1	81	5	<1	<1	4	<1	<1	-
	11/20/91	-	-	-	87	-	-	-	-	-	-	-
	06/16/92	10	<5	<5	120	<10	<5	<5	<5	<5	<5	13
	*09/21/92	9/9	<1/<1	<1/<1	120/110	<5/<5	<1/<1	<1/<1	4/4	<1/<1	<1/<1	<5/<5
	12/8/92	8	<1	<1	110	<5	<1	<1	5	<1	<1	<5
	03/16/93	9	<2	<2	130	<5	<2	<2	6	<2	<2	<10
	06/07/93	13	<2	<2	120	<20	<2	<2	4	<2	<2	<40
	08/25/93	<4	<2	<2	120	<20	<2	<2	<2	<2	<2	<40
	11/19/93	9	<2	<2	82	<20	<2	<2	2	<2	<2	<40
	2/23/94	10	<2	<2	110	<20	<2	<2	5	<2	<2	<40
WCC-11S	11/15/91	10	-	-	80	-	-	-	-	-	-	-
	06/16/92	21	<5	<5	120	<10	<5	<5	<5	<5	<5	<10
	09/21/92	17	<1	<1	140	<5	2	<1	<1	<1	<1	<5
	12/08/92	13	<1	<1	83	<5	6	<1	<1	<1	<1	<5
	03/16/93	25	<2	<2	160	<5	4	<2	<2	<2	<2	<10
	06/07/93	16	<2	<2	110	<20	5	<2	<2	<2	<2	<40
	08/24/93	14	<2	<2	97	<20	4	<2	<2	<2	<2	<40
	*11/19/93	14/14	<2/<2	<2/<2	100/100	<20/<20	3/3	<2/<2	<2/<2	<2/<2	<2/<2	<40/<40
	2/23/94	16	<2	<2	100	<20	4	<2	<2	<2	<2	<40
WCC-12S	11/18/91	300	-	17	900	-	-	-	-	-	-	-
	*06/16/92	250/260	<5/5	<5/<5	660/710	<10/<10	<5/<5	<5/<5	<5/<5	<5/<5	<5/<5	<10/10
	09/22/92	130	7	1	500	<5	3	<1	3	<1	<1	<5
	12/08/92	160	<5	<5	550	<30	5	<5	<5	<5	<5	<30
	03/17/93	100	7	<2	410	<5	4	8	3	<2	<2	<10
	06/07/93	130	2	<2	370	<20	5	<2	<2	<2	<2	<40
	08/25/93	100	<4	<4	390	<40	<4	<4	<4	<4	9	<80
	11/19/93	45	9	<2	220	<20	<2	<2	<2	<2	<2	<40
	*2/24/94	89/77	7.7/3.9	<2/<2	270/220	<20/<20	2.9/3.3	<2/<2	<2/<2	<2/<2	<2/<2	<40/<40
DAC-P1	10/09/89	<200	<200	<200	17,000	<1,000	<200	<200	<200	<200	<200	<1,000
	06/17/92	<5	<5	<5	21,000	<10	13	<5	10	<5	<5	<10
	*06/23/92	4/4	<1/<1	<1/<1	28,000/28,000	<5/<5	71/70	1/2	54/51	5/5	<1/<1	<5/<5
	12/09/92	<300	<500	<500	29,000	<3,000	<500	<500	<500	<500	<500	<3,000
	03/18/93	21	<2	44	21,000	7	68	2	44	5	260	<10
	06/08/93	<200	<100	<100	2,800	<1,000	<100	<100	<100	<100	130	<2,000
	08/25/93	<400	<200	<200	27,000	<2,000	<200	<200	<200	<200	300	<4,000
	11/19/93	<40	<20	<20	24,000	<200	81	<20	52	<20	<20	<400
	2/24/94	<40	<20	<20	20,000	<200	89	<20	47	<20	<20	<400

1 \* Duplicate sample also analyzed.

2 - Not Detected ( Detection Limit not specified )

**TABLE 2**  
**SUMMARY OF GROUNDWATER ANALYTICAL DATA**  
**GROUNDWATER MONITORING DATA SUMMARY REPORT**  
**FIRST QUARTER 1994**  
**DOUGLAS AIRCRAFT C-6 FACILITY**  
**TORRANCE, CA**

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1,1-DCA	1,1,1-TCA	1,1-CCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
WCC-1D	07/25/89	<1	<1	<1	2	<5	1	<1	<1	<1	1	-
	08/23/89	<1	<1	1	2	<5	<1	<1	<1	<1	<1	-
	11/15/91	90	-	8	40	-	-	-	-	-	20	-
	*06/15/92	1,500/1,300	<25/<25	63/64	230/210	<50/<65	<25/<25	<25/<25	<25/<25	<25/<25	<25/<25	<50/<50
	09/22/92	180	<1	8	44	<5	2	<1	<1	<1	<1	<5
	*12/07/92	160/150	<1/<1	8/160	41/6	<5/<5	2/<1	<1/<1	1/1	<1/<1	<1/3	<5/<5
	03/16/93	200	<2	19	23	<5	3	<2	<2	<2	<2	<10
	*06/08/93	500/480	<10/<4	14/17	71/72	<100/<40	<10/<4	<10/<4	<10/<4	<10/<4	<10/<4	<200/<80
	08/24/93	540	<2	16	67	<20	3	2	<2	<2	2	<40
	11/18/93	880	<2	16	110	<20	3	3	<2	<2	<2	<40
	2/23/94	140	<2	3	14	<20	<2	<2	<2	<2	<2	<40
WCC-3D	07/25/89	<1	<1	49	4	<5	11	<1	<1	<1	3	-
	08/23/89	<10	<10	32	<10	<50	<10	<10	<10	<10	<10	-
	11/14/91	20	-	60	-	-	-	-	-	-	-	-
	06/16/92	510	<5	880	23	<10	<5	<5	<5	<5	8	<10
	09/22/92	21	<1	27	2	<5	<1	<1	<1	<1	<1	<5
	12/07/92	120	<1	130	5	<5	<1	<1	1	<1	3	<5
	*03/16/93	950/1,000	6/6	2,000/2,000	50/47	<5/<5	2/2	9/9	<2/<2	<2/<2	6/6	<10/<10
	06/08/93	110	<2	110	6	<20	<2	<2	<2	<2	<2	<40
	08/24/93	120	<2	100	5	<20	<2	<2	<2	<2	3	<40
	*11/18/93	610/840	<2/<4	410/640	17/23	<20/<40	<2/4	4/4	<2/<4	<2/<4	6/8	<40/<80
	*2/23/94	370/420	<4/<4	530/590	23/25	<40/<40	<4/<4	<4/<4	<4/<4	<4/<4	12/13	<80/<80

1 \* Duplicate sample also analyzed.

2 - Not Detected ( Detection Limit not specified )

TABLE 3  
 SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS  
 GROUNDWATER MONITORING DATA SUMMARY REPORT  
 FIRST QUARTER 1994  
 DOUGLAS AIRCRAFT C-6 FACILITY  
 TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.											
WELL I.D.	SAMPLE DATE	Acetone	Total Xylenes	Trichloro-fluoromethane	Methylene Chloride	Carbon Tetra-Chloride	1,1,2-TCA	PCE	Carbon Disulfide	Ethyl-Benzene	1,2-DCA
WCC-1S	03/27/87	-	-	-	-	-	-	-	-	-	-
	*04/13/87	-	-	-	-	-	-	-	-	-	-
	11/12/87	-	-	-	-	-	-	-	-	-	-
	07/13/89	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-
	11/18/91	-	-	-	-	-	-	-	-	-	-
	06/17/92	<300	-	-	-	-	-	-	-	-	-
	09/23/92	<5	<1	<1	4	<1	<1	<1	22	<1	<1
	12/09/92	<100	<30	<30	40	<30	<30	<30	<30	<30	<30
	03/18/93	<10	<2	<5	<10	<5	<2	<2	<5	<2	<2
	06/08/93	<400	<20	<20	<100	<20	<20	<20	<20	<20	<20
	08/25/93	<400	<20	<20	<40	<20	<40	<20	<20	<20	<20
	11/19/93	<400	<20	<20	<100	<20	<40	<20	<20	<20	<20
	2/24/94	<400	<20	<20	<100	<20	<40	<20	<20	<20	<20
WCC-2S	11/02/87	-	-	-	-	-	-	-	-	-	-
	11/12/87	-	-	-	-	-	-	-	-	-	-
	7/13/89	-	-	-	-	-	-	-	-	-	-
	8/23/89	-	-	-	-	-	-	-	-	-	-
	11/19/91	-	-	-	-	-	-	-	-	-	-
	06/16/92	<10	-	-	-	-	-	-	-	-	-
	*09/22/92	<5/<5	<1/<1	<1/1	11/9	<1/<1	<1/<1	<1/<1	<1/<1	<1/<1	<1/<1
	*12/08/92	6/<5	<1/<1	<1/<1	5/2	<1/<1	<1/<1	<1/<1	<1/<1	<1/<1	<1/<1
	*03/17/93	<10/<10	<2/<2	<5/<5	<10/<10	<5/<5	<2/<2	<2/<2	<5/<5	<2/<2	<2/<2
	06/07/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	08/24/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	11/19/93	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	2/24/94	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
WCC-3S	11/02/87	-	-	-	-	-	-	-	-	-	-
	11/12/87	-	-	-	-	-	-	-	-	-	-
	07/13/89	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-
	11/14/91	-	-	-	-	-	-	-	-	-	-
	06/17/92	<30,000	-	-	-	-	-	-	-	-	-
	09/23/92	<3,000	<500	<500	900	<500	<500	<500	<500	<500	<500
	12/09/92	<3,000	<500	<500	<500	<500	<500	<500	<500	<500	<500
	*03/18/93	<50/<50	120/110	<25/<25	<50/<50	<25/<25	55/60	<10/<10	<25/<25	<10/<10	100/95
	06/08/93	<2,000	<100	<100	<200	<100	<200	<100	<100	<100	<100
	*08/25/93	<8,000/<200	<400/154	<400/<10	<800/<50	<400/<10	<800/52	<400/<10	<400/<10	<400/21	<400/86
	11/19/93	<4,000	<200	<200	<1,000	<200	<200	<200	<200	<200	<200
	2/24/94	<4,000	<200	<200	<1,000	<200	<200	<200	<200	<200	<200

1 \* Duplicate sample also analyzed.

2 - Not Detected ( Detection Limit not specified )

TABLE 3  
 SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS  
 GROUNDWATER MONITORING DATA SUMMARY REPORT  
 FIRST QUARTER 1994  
 DOUGLAS AIRCRAFT C-6 FACILITY  
 TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.											
WELL I.D.	SAMPLE DATE	Acetone	Total Xylenes	Trichloro-fluoromethane	Methylene Chloride	Carbon Tetra-Chloride	1,1,2-TCA	PCE	Carbon Disulfide	Ethyl-Benzene	1,2-DCA
WCC-4S	11/02/87	-	-	-	-	-	-	-	-	-	-
	11/12/87	-	-	-	-	-	-	-	-	-	-
	7/13/89	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-
	11/18/91	-	-	-	-	-	-	-	-	-	-
	06/17/92	<150	-	-	-	-	-	-	-	-	-
	09/23/92	<50	<10	<10	20	<10	<10	<10	<10	<10	<10
	12/08/92	<50	<10	<10	50	<10	<10	<10	<10	<10	<10
	03/17/93	<10	<2	<5	<10	<5	<2	<2	<5	<2	<2
	06/08/93	<200	<10	<10	<40	<10	<20	<10	<10	<10	<10
	08/25/93	<200	<10	<10	<20	<10	<20	<10	<10	<10	<10
	11/19/93	<80	<4	<4	<20	<4	<8	<4	<4	<4	<4
	2/24/94	<80	<4	<4	<20	<4	<8	<4	<4	<4	<4
WCC-5S	11/30/87	-	-	-	-	-	-	-	-	-	-
	01/08/88	-	-	-	-	-	-	-	-	-	-
	*07/13/89	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-
	11/19/91	-	-	-	-	-	-	-	-	-	-
	06/15/92	<10	-	-	-	-	-	-	-	-	-
	09/21/92	<5	<1	3	8	<1	<1	<1	<1	<1	<1
	12/07/92	<5	<1	<1	3	<1	<1	<1	<1	<1	<1
	03/16/93	<10	<2	<5	<10	<5	<2	<4	<5	<2	<2
	06/07/93	<40	<2	<2	<4	<2	<2	<4	<2	<2	<2
	08/24/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	11/18/93	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	2/23/94	<40	<2	<2	<10	<2	<4	<2	4	<2	<2
WCC-6S	10/06/89	-	-	-	-	-	-	-	-	-	-
	11/16/91	-	-	-	-	-	-	-	-	-	-
	06/17/92	<3,000	-	-	-	-	-	-	-	-	-
	09/23/92	78	26	<1	5	<1	96	<1	<1	5	5
	*12/09/92	<300/<500	<50/<100	<50/<100	100/200	<50/<100	60/<100	<50/<10	<50/<100	<50/<10	<80/<10
	03/17/93	<50	20	<25	<50	<25	<10	<10	<25	<10	50
	06/08/93	<2,000	<100	<100	<200	<100	<200	<100	<100	<100	<100
	08/25/93	<2,000	<100	<100	<200	<100	<200	<100	<100	<100	<100
	11/19/93	<200	<10	<10	<50	<10	<20	<10	<10	<10	37
	2/24/94	230	15	<10	<50	<10	74	<10	<10	10	47

1 \* Duplicate sample also analyzed.

2 - Not Detected ( Detection Limit not specified )

TABLE 3  
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS  
GROUNDWATER MONITORING DATA SUMMARY REPORT  
FIRST QUARTER 1994  
DOUGLAS AIRCRAFT C-6 FACILITY  
TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	Acetone	Total Xylenes	Trichloro-fluoromethane	Methylene Chloride	Carbon Tetra-Chloride	1,1,2-TCA	PCE	Carbon Disulfide	Ethyl-Benzene	1,2-DCA
WCC-10S	*07/13/89	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-
	11/20/91	-	-	-	-	-	-	-	-	-	-
	06/16/92	35	-	-	-	-	-	-	-	-	-
	*09/21/92	<5/<5	<1/<1	<1/<1	8/8	1/1	<1/<1	<1/<1	<1/<1	<1/<1	<1/<1
	12/8/92	<5	<1	<1	3	<1	<1	<1	<1	<1	<1
	03/16/93	<10	<2	<5	<10	<5	<2	<2	<2	<2	<2
	06/07/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	08/25/93	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	11/19/93	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	2/23/94	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
WCC-11S	11/15/91	-	-	-	-	-	-	-	-	-	-
	06/16/92	<10	-	-	-	-	-	-	-	-	-
	09/21/92	<5	<1	2	9	<1	-	-	<1	<1	<1
	12/08/92	<5	<1	<1	4	<1	<1	<1	<1	<1	<1
	03/16/93	<10	<2	<5	<10	<5	<2	<2	<5	<2	<2
	06/07/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	08/24/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	*11/19/93	<40/<40	<2/<2	<2/<4	<10/<10	<2/<2	<4/<4	<2/<2	<2/<2	<2/<2	<2/<2
	2/23/94	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
WCC-12S	11/18/91	-	-	-	-	-	-	-	-	-	-
	*06/16/92	<10/<10	-	-	-	-	-	-	-	-	-
	09/22/92	<5	<1	4	7	<1	<1	<1	<1	<1	<1
	12/08/92	<30	<5	<5	20	<5	<5	<5	<5	<5	<5
	03/17/93	<10	<2	<5	<10	<5	<2	<2	<5	<2	<2
	06/07/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	08/25/93	<80	<4	<4	<8	<4	<8	<4	<4	<4	<4
	11/19/93	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	2/24/94	<40/<40	<2/<2	<2/<2	<10/<10	<2/<2	<4/<4	<2/<2	<2/<2	<2/<2	<2/<2
DAC-P1	10/09/89	<1,000	-	-	-	-	-	-	-	-	-
	06/17/92	<30	-	-	-	-	-	-	-	-	-
	*06/23/92	<5/<5	<1/<1	1/1	4/4	4/4	9/9	13/13	<1/<1	<1/<1	<1/<1
	12/09/92	<3,000	<500	<500	2,000	<500	<500	<500	<500	<500	<500
	03/18/93	<10	<2	<5	<10	<5	5	10	<5	<2	<2
	06/08/93	<2,000	<100	<100	<200	<100	<200	<100	<100	<100	<100
	08/25/93	<4,000	<200	<200	<400	<200	<400	<200	<200	<200	<200
	11/19/93	<400	<20	<20	<100	<20	<40	<20	<20	<20	<20
	2/24/94	<400	<20	<20	<100	<20	<40	<20	<20	<20	<20

1 \* Duplicate sample also analyzed.

2 - Not Detected ( Detection Limit not specified )

TABLE 3  
 SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS  
 GROUNDWATER MONITORING DATA SUMMARY REPORT  
 FIRST QUARTER 1994  
 DOUGLAS AIRCRAFT C-6 FACILITY  
 TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.											
WELL I.D.	SAMPLE DATE	Acetone	Total Xylenes	Trichloro-fluoromethane	Methylene Chloride	Carbon Tetra-Chloride	1,1,2-TCA	PCE	Carbon Disulfide	Ethyl-Benzene	1,2-DCA
WCC-7S	07/13/89	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-
	11/18/91	-	-	-	-	-	-	-	-	-	-
	06/17/92	<30	-	-	-	-	-	-	-	-	-
	09/23/92	<30	<5	<5	10	<5	<5	<5	<5	<5	<5
	12/08/92	<30	<5	<5	10	<5	<5	<5	<5	<5	<5
	03/17/93	<10	<5	<5	<10	<5	<2	<2	<5	<2	<2
	06/07/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	08/25/93	<80	<4	<4	31	<4	<8	<4	<4	<4	<4
	11/19/93	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	2/24/94	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
WCC-8S	07/13/89	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-
	11/15/91	-	-	-	-	-	-	-	-	-	-
	*06/17/92	<150/<300	-	-	-	-	-	-	-	-	-
	09/23/92	<100	<20	<20	40	<20	<20	<20	<20	<20	<20
	12/08/92	<100	<20	<20	30	<20	<20	<20	<20	<20	<20
	03/17/93	<10	<2	<5	<10	<5	<2	<2	<5	<2	<2
	06/08/93	<400	<20	<20	<100	<20	<40	<20	<20	<20	<20
	08/25/93	<400	<20	<20	<40	<20	<40	<20	<20	<20	<20
	11/19/93	<400	<20	<20	<100	<20	<40	<20	<20	<20	<20
	2/24/94	<400	<20	<20	<100	<20	<40	<20	<20	<20	<20
WCC-9S	10/06/89	-	-	-	-	-	-	-	-	-	-
	11/19/91	-	-	-	-	-	-	-	-	-	-
	06/15/92	<30	-	-	-	-	-	-	-	-	-
	09/21/92	<5	<1	<1	10	<1	<1	<1	<1	<1	<1
	12/07/92	<5	<1	<1	3	<1	<1	<1	<1	<1	<1
	03/16/93	<10	<2	<5	<10	<5	<2	<2	<5	<2	<2
	*06/07/93	<40/<40	<2/<2	<2/<2	<4/<4	<2/<2	<4/<4	<2/<2	<2/<2	<2/<2	<2/<2
	08/24/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	11/18/93	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	2/24/94	<40	<20	<2	<10	<2	<4	<2	<2	<2	<2

1 \* Duplicate sample also analyzed.

2 - Not Detected ( Detection Limit not specified )

**APPENDIX A**

**LABORATORY DATA SHEET**

• • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants Report Date: 3/2/94  
Client Address: 17310 Red Hill Avenue, Suite 220 Lab P.N.: 6476  
Irvine, CA 92714 Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/24/94  
Project Address: N/A Date Analyzed: 2/25/94  
Physical State: Liquid

Sample ID: WCC1S-8

---

### Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc.	Quantitation limit
Acetone	67-64-1	ND	400
Benzene	71-43-2	ND	20
Bromobenzene	108-86-1	ND	20
Bromochloromethane	74-97-5	ND	40
Bromodichloromethane	75-27-4	ND	20
Bromoform	75-25-2	ND	20
Bromomethane	74-83-9	ND	40
2-Butanone	78-93-3	ND	400
n-Butylbenzene	104-51-8	ND	20
sec-Butylbenzene	135-98-8	ND	20
tert-Butylbenzene	98-06-6	ND	20
Carbon tetrachloride	56-23-5	ND	20
Carbon disulfide	75-15-0	ND	20
Chlorobenzene	108-90-7	ND	20
Chloroethane	75-00-3	ND	40
Chloroform	67-66-3	ND	20
Chloromethane	74-87-3	ND	40
2-Chlorotoluene	95-49-8	ND	20
4-Chlorotoluene	106-43-4	ND	20
Dibromochloromethane	124-48-01	ND	20
1,2-Dibromo-3-chloropropane	96-12-8	ND	40
Dibromomethane	74-95-3	ND	20
1,2-Dibromoethane	106-93-4	ND	20
1,2-Dichlorobenzene	95-50-1	ND	20
1,3-Dichlorobenzene	541-73-1	ND	20
1,4-Dichlorobenzene	106-46-7	ND	20
Dichlorodifluoromethane	75-71-8	ND	20
1,1-Dichloroethane	75-34-3	ND	20
1,2-Dichloroethane	107-06-2	ND	20
1,1-Dichloroethene	75-35-4	3,400	40
cis-1,2-Dichloroethene	156-59-2	ND	20
trans-1,2-Dichloroethene	156-60-5	35	20

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants Report Date: 3/2/94  
Client Address: 17310 Red Hill Avenue, Suite 220 Lab P.N.: 6476  
Irvine, CA 92714 Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/24/94  
Project Address: N/A Date Analyzed: 2/25/94  
Physical State: Liquid

Sample ID: WCC1S-8

---

### Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc.	Quantitation limit
1,2-Dichloropropane	78-87-5	ND	20
1,3-Dichloropropane	142-28-9	ND	20
2,2-Dichloropropane	594-20-7	ND	20
1,1-Dichloropropene	563-58-6	ND	20
cis-1,3-Dichloropropene	10061-01-5	ND	20
trans-1,3-Dichloropropene	10061-02-6	ND	20
Ethylbenzene	100-41-4	ND	20
Hexachlorobutadiene	87-68-3	ND	40
2-Hexanone	591-78-6	ND	200
Isopropylbenzene	98-82-8	ND	20
p-Isopropyltoluene	99-87-6	ND	20
Methylene chloride	75-09-2	ND	100
4-Methyl-2-pentanone	108-10-1	ND	200
Naphthalene	91-20-3	ND	20
n-Propylbenzene	103-65-1	ND	20
Styrene	100-42-5	ND	20
1,1,1,2-Tetrachloroethane	630-20-6	ND	20
1,1,2,2-Tetrachloroethane	79-34-5	ND	20
Tetrachloroethene	127-18-4	ND	20
Toluene	108-88-3	ND	20
1,2,3-Trichlorobenzene	87-61-6	ND	20
1,2,4-Trichlorobenzene	120-82-1	ND	20
1,1,1-Trichloroethane	71-55-6	300	20
1,1,2-Trichloroethane	79-00-5	ND	40
Trichloroethene	79-01-6	1,200	20
Trichlorofluoromethane	75-69-4	ND	20
1,2,3-Trichloropropane	96-18-4	ND	20
1,2,4-Trimethylbenzene	95-63-6	ND	20
1,3,5-Trimethylbenzene	108-67-8	ND	20
Vinyl chloride	75-01-4	ND	40
o-Xylene	95-47-6	ND	20
p,m-Xylene	108-38-3, 106-42-3	ND	20

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants Report Date: 3/2/94  
Client Address: 17310 Red Hill Avenue, Suite 220 Lab P.N.: 6476  
Irvine, CA 92714 Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/24/94  
Project Address: N/A Date Analyzed: 2/25/94  
Physical State: Liquid

Sample ID: WCC2S-8

---

### Volatile Organic Compounds, EPA 8240/8260

<u>Parameter</u>	<u>CAS #</u>	Conc.	Quantitation limit
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromoform	74-97-5	ND	4.0
Bromochloromethane	75-27-4	ND	2.0
Bromodichloromethane	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	ND	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	ND	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	30	4.0
cis-1,2-Dichloroethene	156-59-2	ND	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants Report Date: 3/2/94  
Client Address: 17310 Red Hill Avenue, Suite 220 Lab P.N.: 6476  
Irvine, CA 92714 Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/24/94  
Project Address: N/A Date Analyzed: 2/25/94  
Physical State: Liquid

Sample ID: WCC2S-8

---

### Volatile Organic Compounds, EPA 8240/8260

<u>Parameter</u>	<u>CAS #</u>	<u>Conc.</u>	<u>Quantitation limit</u>
1,2-Dichloropropane	78-87-5	ND	2.0
1,3-Dichloropropane	142-28-9	ND	2.0
2,2-Dichloropropane	594-20-7	ND	2.0
1,1-Dichloropropene	563-58-6	ND	2.0
cis-1,3-Dichloropropene	10061-01-5	ND	2.0
trans-1,3-Dichloropropene	10061-02-6	ND	2.0
Ethylbenzene	100-41-4	ND	2.0
Hexachlorobutadiene	87-68-3	ND	4.0
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	2.0
p-Isopropyltoluene	99-87-6	ND	2.0
Methylene chloride	75-09-2	ND	10
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	2.0
n-Propylbenzene	103-65-1	ND	2.0
Styrene	100-42-5	ND	2.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.0
Tetrachloroethene	127-18-4	ND	2.0
Toluene	108-88-3	ND	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	ND	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	96	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	108-38-3, 106-42-3	ND	2.0

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• • • • • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants  
Client Address: 17310 Red Hill Avenue, Suite 220  
Irvine, CA 92714 Report Date: 3/2/94  
Lab P.N.: 6476  
Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/24/94  
Project Address: N/A Date Analyzed: 2/25/94  
Physical State: Liquid

Sample ID: WCC3S-8

---

### Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc.	Quantitation limit
Acetone	67-64-1	ND	4,000
Benzene	71-43-2	ND	200
Bromobenzene	108-86-1	ND	200
Bromochloromethane	74-97-5	ND	400
Bromodichloromethane	75-27-4	ND	200
Bromoform	75-25-2	ND	200
Bromomethane	74-83-9	ND	400
2-Butanone	78-93-3	ND	4,000
n-Butylbenzene	104-51-8	ND	200
sec-Butylbenzene	135-98-8	ND	200
tert-Butylbenzene	98-06-6	ND	200
Carbon tetrachloride	56-23-5	ND	200
Carbon disulfide	75-15-0	ND	200
Chlorobenzene	108-90-7	ND	200
Chloroethane	75-00-3	ND	400
Chloroform	67-66-3	ND	200
Chloromethane	74-87-3	ND	400
2-Chlorotoluene	95-49-8	ND	200
4-Chlorotoluene	106-43-4	ND	200
Dibromochloromethane	124-48-01	ND	200
1,2-Dibromo-3-chloropropane	96-12-8	ND	400
Dibromomethane	74-95-3	ND	200
1,2-Dibromoethane	106-93-4	ND	200
1,2-Dichlorobenzene	95-50-1	ND	200
1,3-Dichlorobenzene	541-73-1	ND	200
1,4-Dichlorobenzene	106-46-7	ND	200
Dichlorodifluoromethane	75-71-8	ND	200
1,1-Dichloroethane	75-34-3	310	200
1,2-Dichloroethane	107-06-2	ND	200
1,1-Dichloroethene	75-35-4	15,000	400
cis-1,2-Dichloroethene	156-59-2	2,500	200
trans-1,2-Dichloroethene	156-60-5	360	200

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• • • • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants Report Date: 3/2/94  
Client Address: 17310 Red Hill Avenue, Suite 220 Lab P.N.: 6476  
Irvine, CA 92714 Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/24/94  
Project Address: N/A Date Analyzed: 2/25/94  
Physical State: Liquid

Sample ID: WCC3S-8

---

### Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc.	Quantitation limit
1,2-Dichloropropane	78-87-5	ND	200
1,3-Dichloropropane	142-28-9	ND	200
2,2-Dichloropropane	594-20-7	ND	200
1,1-Dichloropropene	563-58-6	ND	200
cis-1,3-Dichloropropene	10061-01-5	ND	200
trans-1,3-Dichloropropene	10061-02-6	ND	200
Ethylbenzene	100-41-4	ND	200
Hexachlorobutadiene	87-68-3	ND	400
2-Hexanone	591-78-6	ND	2,000
Isopropylbenzene	98-82-8	ND	200
p-Isopropyltoluene	99-87-6	ND	200
Methylene chloride	75-09-2	ND	1,000
4-Methyl-2-pentanone	108-10-1	15,000	2,000
Naphthalene	91-20-3	ND	200
n-Propylbenzene	103-65-1	ND	200
Styrene	100-42-5	ND	200
1,1,1,2-Tetrachloroethane	630-20-6	ND	200
1,1,2,2-Tetrachloroethane	79-34-5	ND	200
Tetrachloroethene	127-18-4	ND	200
Toluene	108-88-3	25,000	200
1,2,3-Trichlorobenzene	87-61-6	ND	200
1,2,4-Trichlorobenzene	120-82-1	ND	200
1,1,1-Trichloroethane	71-55-6	9,600	200
1,1,2-Trichloroethane	79-00-5	ND	400
Trichloroethene	79-01-6	2,500	200
Trichlorofluoromethane	75-69-4	ND	200
1,2,3-Trichloropropane	96-18-4	ND	200
1,2,4-Trimethylbenzene	95-63-6	ND	200
1,3,5-Trimethylbenzene	108-67-8	ND	200
Vinyl chloride	75-01-4	ND	400
o-Xylene	95-47-6	ND	200
p,m-Xylene	108-38-3, 106-42-3	ND	200

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.



## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants  
Client Address: 17310 Red Hill Avenue, Suite 220  
Irvine, CA 92714 Report Date: 3/2/94  
Lab P.N.: 6476  
Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/24/94  
Project Address: N/A Date Analyzed: 2/25/94  
Physical State: Liquid

Sample ID: WCC4S-8

---

### Volatile Organic Compounds, EPA 8240/8260

<u>Parameter</u>	<u>CAS #</u>	<u>Conc.</u>	<u>Quantitation limit</u>
Acetone	67-64-1	ND	80
Benzene	71-43-2	6.4	4.0
Bromobenzene	108-86-1	ND	4.0
Bromochloromethane	74-97-5	ND	8.0
Bromodichloromethane	75-27-4	ND	4.0
Bromoform	75-25-2	ND	4.0
Bromomethane	74-83-9	ND	8.0
2-Butanone	78-93-3	ND	80
n-Butylbenzene	104-51-8	ND	4.0
sec-Butylbenzene	135-98-8	ND	4.0
tert-Butylbenzene	98-06-6	ND	4.0
Carbon tetrachloride	56-23-5	ND	4.0
Carbon disulfide	75-15-0	ND	4.0
Chlorobenzene	108-90-7	ND	4.0
Chloroethane	75-00-3	ND	8.0
Chloroform	67-66-3	5.1	4.0
Chloromethane	74-87-3	ND	8.0
2-Chlorotoluene	95-49-8	ND	4.0
4-Chlorotoluene	106-43-4	ND	4.0
Dibromochloromethane	124-48-01	ND	4.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	8.0
Dibromomethane	74-95-3	ND	4.0
1,2-Dibromoethane	106-93-4	ND	4.0
1,2-Dichlorobenzene	95-50-1	ND	4.0
1,3-Dichlorobenzene	541-73-1	ND	4.0
1,4-Dichlorobenzene	106-46-7	ND	4.0
Dichlorodifluoromethane	75-71-8	ND	4.0
1,1-Dichloroethane	75-34-3	5.8	4.0
1,2-Dichloroethane	107-06-2	ND	4.0
1,1-Dichloroethene	75-35-4	1,100	20
cis-1,2-Dichloroethene	156-59-2	8.7	4.0
trans-1,2-Dichloroethene	156-60-5	7.2	4.0

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants Report Date: 3/2/94  
Client Address: 17310 Red Hill Avenue, Suite 220 Lab P.N.: 6476  
Irvine, CA 92714 Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/24/94  
Project Address: N/A Date Analyzed: 2/25/94  
Physical State: Liquid

Sample ID: WCC4S-8

---

### Volatile Organic Compounds, EPA 8240/8260

<u>Parameter</u>	<u>CAS #</u>	<u>Conc.</u>	<u>Quantitation limit</u>
1,2-Dichloropropane	78-87-5	ND	4.0
1,3-Dichloropropane	142-28-9	ND	4.0
2,2-Dichloropropane	594-20-7	ND	4.0
1,1-Dichloropropene	563-58-6	ND	4.0
cis-1,3-Dichloropropene	10061-01-5	ND	4.0
trans-1,3-Dichloropropene	10061-02-6	ND	4.0
Ethylbenzene	100-41-4	ND	4.0
Hexachlorobutadiene	87-68-3	ND	8.0
2-Hexanone	591-78-6	ND	40
Isopropylbenzene	98-82-8	ND	4.0
p-Isopropyltoluene	99-87-6	ND	4.0
Methylene chloride	75-09-2	ND	20
4-Methyl-2-pentanone	108-10-1	ND	40
Naphthalene	91-20-3	ND	4.0
n-Propylbenzene	103-65-1	ND	4.0
Styrene	100-42-5	ND	4.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	4.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	4.0
Tetrachloroethene	127-18-4	ND	4.0
Toluene	108-88-3	ND	4.0
1,2,3-Trichlorobenzene	87-61-6	ND	4.0
1,2,4-Trichlorobenzene	120-82-1	ND	4.0
1,1,1-Trichloroethane	71-55-6	8.8	4.0
1,1,2-Trichloroethane	79-00-5	ND	8.0
Trichloroethene	79-01-6	980	10
Trichlorofluoromethane	75-69-4	ND	4.0
1,2,3-Trichloropropane	96-18-4	ND	4.0
1,2,4-Trimethylbenzene	95-63-6	ND	4.0
1,3,5-Trimethylbenzene	108-67-8	ND	4.0
Vinyl chloride	75-01-4	ND	8.0
o-Xylene	95-47-6	ND	4.0
p,m-Xylene	108-38-3, 106-42-3	ND	4.0

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants Report Date: 2/28/94  
Client Address: 17310 Red Hill Avenue, Suite 220 Lab P.N.: 6470  
Irvine, CA 92714 Client P.N.: 924010-01

Project Name: Douglas Aircraft Company Date Sampled: 2/23/94  
Project Address: N/A Date Analyzed: 2/24/94  
Physical State: Liquid

Sample ID: WCC5S-8

## Volatile Organic Compounds, EPA 8240/8260

<u>Parameter</u>	<u>CAS #</u>	Conc.	Quantitation limit
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromo(chloromethane)	74-97-5	ND	4.0
Bromo(dichloromethane)	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	4.0	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	ND	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	ND	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	20	4.0
cis-1,2-Dichloroethene	156-59-2	ND	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report

• • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants  
Client Address: 17310 Red Hill Avenue, Suite 220  
Irvine, CA 92714 Report Date: 2/28/94  
Lab P.N.: 6470  
Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/23/94  
Project Address: N/A Date Analyzed: 2/24/94  
Physical State: Liquid

Sample ID: WCC5S-8

---

### Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc.	Quantitation limit
1,2-Dichloropropane	78-87-5	ND	2.0
1,3-Dichloropropane	142-28-9	ND	2.0
2,2-Dichloropropane	594-20-7	ND	2.0
1,1-Dichloropropene	563-58-6	ND	2.0
cis-1,3-Dichloropropene	10061-01-5	ND	2.0
trans-1,3-Dichloropropene	10061-02-6	ND	2.0
Ethylbenzene	100-41-4	ND	2.0
Hexachlorobutadiene	87-68-3	ND	4.0
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	2.0
p-Isopropyltoluene	99-87-6	ND	2.0
Methylene chloride	75-09-2	ND	10
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	2.0
n-Propylbenzene	103-65-1	ND	2.0
Styrene	100-42-5	ND	2.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.0
Tetrachloroethene	127-18-4	ND	2.0
Toluene	108-88-3	ND	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	ND	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	4.0	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	108-38-3, 106-42-3	ND	2.0

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants Report Date: 3/2/94  
Client Address: 17310 Red Hill Avenue, Suite 220 Lab P.N.: 6476  
Irvine, CA 92714 Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/24/94  
Project Address: N/A Date Analyzed: 2/25/94  
Physical State: Liquid

Sample ID: WCC6S-8

---

### Volatile Organic Compounds, EPA 8240/8260

<u>Parameter</u>	<u>CAS #</u>	Conc.	Quantitation limit
Acetone	67-64-1	230	200
Benzene	71-43-2	52	10
Bromobenzene	108-86-1	ND	10
Bromochloromethane	74-97-5	ND	20
Bromodichloromethane	75-27-4	ND	10
Bromoform	75-25-2	ND	10
Bromomethane	74-83-9	ND	20
2-Butanone	78-93-3	4,400	200
n-Butylbenzene	104-51-8	ND	10
sec-Butylbenzene	135-98-8	ND	10
tert-Butylbenzene	98-06-6	ND	10
Carbon tetrachloride	56-23-5	ND	10
Carbon disulfide	75-15-0	ND	10
Chlorobenzene	108-90-7	ND	10
Chloroethane	75-00-3	ND	20
Chloroform	67-66-3	21	10
Chloromethane	74-87-3	ND	20
2-Chlorotoluene	95-49-8	ND	10
4-Chlorotoluene	106-43-4	ND	10
Dibromochloromethane	124-48-01	ND	10
1,2-Dibromo-3-chloropropane	96-12-8	ND	20
Dibromomethane	74-95-3	ND	10
1,2-Dibromoethane	106-93-4	ND	10
1,2-Dichlorobenzene	95-50-1	ND	10
1,3-Dichlorobenzene	541-73-1	ND	10
1,4-Dichlorobenzene	106-46-7	ND	10
Dichlorodifluoromethane	75-71-8	ND	10
1,1-Dichloroethane	75-34-3	91	10
1,2-Dichloroethane	107-06-2	47	10
1,1-Dichloroethene	75-35-4	11,000	200
cis-1,2-Dichloroethene	156-59-2	1,400	10
trans-1,2-Dichloroethene	156-60-5	140	10

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants  
Client Address: 17310 Red Hill Avenue, Suite 220  
Irvine, CA 92714 Report Date: 3/2/94  
Lab P.N.: 6476  
Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/24/94  
Project Address: N/A Date Analyzed: 2/25/94  
Physical State: Liquid

Sample ID: WCC6S-8

---

### Volatile Organic Compounds, EPA 8240/8260

<u>Parameter</u>	<u>CAS #</u>	<u>Conc.</u>	<u>Quantitation limit</u>
1,2-Dichloropropane	78-87-5	ND	10
1,3-Dichloropropane	142-28-9	ND	10
2,2-Dichloropropane	594-20-7	ND	10
1,1-Dichloropropene	563-58-6	ND	10
cis-1,3-Dichloropropene	10061-01-5	ND	10
trans-1,3-Dichloropropene	10061-02-6	ND	10
Ethylbenzene	100-41-4	10.	10
Hexachlorobutadiene	87-68-3	ND	20
2-Hexanone	591-78-6	ND	100
Isopropylbenzene	98-82-8	ND	10
p-Isopropyltoluene	99-87-6	ND	10
Methylene chloride	75-09-2	ND	50
4-Methyl-2-pentanone	108-10-1	13,000	400
Naphthalene	91-20-3	ND	10
n-Propylbenzene	103-65-1	ND	10
Styrene	100-42-5	ND	10
1,1,1,2-Tetrachloroethane	630-20-6	ND	10
1,1,2,2-Tetrachloroethane	79-34-5	ND	10
Tetrachloroethene	127-18-4	ND	10
Toluene	108-88-3	20,000	100
1,2,3-Trichlorobenzene	87-61-6	ND	10
1,2,4-Trichlorobenzene	120-82-1	ND	10
1,1,1-Trichloroethane	71-55-6	2,200	40
1,1,2-Trichloroethane	79-00-5	74	20
Trichloroethene	79-01-6	1,800	10
Trichlorofluoromethane	75-69-4	ND	10
1,2,3-Trichloropropane	96-18-4	ND	10
1,2,4-Trimethylbenzene	95-63-6	ND	10
1,3,5-Trimethylbenzene	108-67-8	ND	10
Vinyl chloride	75-01-4	ND	20
o-Xylene	95-47-6	15	10
p,m-Xylene	108-38-3, 106-42-3	43	10

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• • • • • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants  
Client Address: 17310 Red Hill Avenue, Suite 220  
Irvine, CA 92714 Report Date: 3/2/94  
Lab P.N.: 6476  
Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/24/94  
Project Address: N/A Date Analyzed: 2/25/94  
Physical State: Liquid

Sample ID: WCC7S-8

---

### Volatile Organic Compounds, EPA 8240/8260

<u>Parameter</u>	<u>CAS #</u>	<u>Conc.</u>	<u>Quantitation limit</u>
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	ND	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	ND	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	75	4.0
cis-1,2-Dichloroethene	156-59-2	2.5	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants  
Client Address: 17310 Red Hill Avenue, Suite 220  
Irvine, CA 92714 Report Date: 3/2/94  
Lab P.N.: 6476  
Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/24/94  
Project Address: N/A Date Analyzed: 2/25/94  
Physical State: Liquid

Sample ID: WCC7S-8

---

### Volatile Organic Compounds, EPA 8240/8260

<u>Parameter</u>	<u>CAS #</u>	<u>Conc.</u>	<u>Quantitation limit</u>
1,2-Dichloropropane	78-87-5	ND	2.0
1,3-Dichloropropane	142-28-9	ND	2.0
2,2-Dichloropropane	594-20-7	ND	2.0
1,1-Dichloropropene	563-58-6	ND	2.0
cis-1,3-Dichloropropene	10061-01-5	ND	2.0
trans-1,3-Dichloropropene	10061-02-6	ND	2.0
Ethylbenzene	100-41-4	ND	2.0
Hexachlorobutadiene	87-68-3	ND	4.0
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	2.0
p-Isopropyltoluene	99-87-6	ND	2.0
Methylene chloride	75-09-2	ND	10
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	2.0
n-Propylbenzene	103-65-1	ND	2.0
Styrene	100-42-5	ND	2.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.0
Tetrachloroethene	127-18-4	ND	2.0
Toluene	108-88-3	ND	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	ND	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	140	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	108-38-3, 106-42-3	ND	2.0

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants Report Date: 3/2/94  
Client Address: 17310 Red Hill Avenue, Suite 220 Lab P.N.: 6476  
Irvine, CA 92714 Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/24/94  
Project Address: N/A Date Analyzed: 2/28/94  
Physical State: Liquid

Sample ID: WCC8S-8

---

### Volatile Organic Compounds, EPA 8240/8260

<u>Parameter</u>	<u>CAS #</u>	<u>Conc.</u>	<u>Quantitation limit</u>
Acetone	67-64-1	ND	400
Benzene	71-43-2	39	20
Bromobenzene	108-86-1	ND	20
Bromochloromethane	74-97-5	ND	40
Bromodichloromethane	75-27-4	ND	20
Bromoform	75-25-2	ND	20
Bromomethane	74-83-9	ND	40
2-Butanone	78-93-3	ND	400
n-Butylbenzene	104-51-8	ND	20
sec-Butylbenzene	135-98-8	ND	20
tert-Butylbenzene	98-06-6	ND	20
Carbon tetrachloride	56-23-5	ND	20
Carbon disulfide	75-15-0	ND	20
Chlorobenzene	108-90-7	ND	20
Chloroethane	75-00-3	ND	40
Chloroform	67-66-3	ND	20
Chloromethane	74-87-3	ND	40
2-Chlorotoluene	95-49-8	ND	20
4-Chlorotoluene	106-43-4	ND	20
Dibromochloromethane	124-48-01	ND	20
1,2-Dibromo-3-chloropropane	96-12-8	ND	40
Dibromomethane	74-95-3	ND	20
1,2-Dibromoethane	106-93-4	ND	20
1,2-Dichlorobenzene	95-50-1	ND	20
1,3-Dichlorobenzene	541-73-1	ND	20
1,4-Dichlorobenzene	106-46-7	ND	20
Dichlorodifluoromethane	75-71-8	ND	20
1,1-Dichloroethane	75-34-3	ND	20
1,2-Dichloroethane	107-06-2	ND	20
1,1-Dichloroethene	75-35-4	1,800	40
cis-1,2-Dichloroethene	156-59-2	33	20
trans-1,2-Dichloroethene	156-60-5	21	20

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.



## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants  
Client Address: 17310 Red Hill Avenue, Suite 220  
Irvine, CA 92714 Report Date: 3/2/94  
Lab P.N.: 6476  
Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/24/94  
Project Address: N/A Date Analyzed: 2/28/94  
Physical State: Liquid

Sample ID: WCC8S-8

---

### Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc.	Quantitation limit
1,2-Dichloropropane	78-87-5	ND	20
1,3-Dichloropropane	142-28-9	ND	20
2,2-Dichloropropane	594-20-7	ND	20
1,1-Dichloropropene	563-58-6	ND	20
cis-1,3-Dichloropropene	10061-01-5	ND	20
trans-1,3-Dichloropropene	10061-02-6	ND	20
Ethylbenzene	100-41-4	ND	20
Hexachlorobutadiene	87-68-3	ND	40
2-Hexanone	591-78-6	ND	200
Isopropylbenzene	98-82-8	ND	20
p-Isopropyltoluene	99-87-6	ND	20
Methylene chloride	75-09-2	ND	100
4-Methyl-2-pentanone	108-10-1	ND	200
Naphthalene	91-20-3	ND	20
n-Propylbenzene	103-65-1	ND	20
Styrene	100-42-5	ND	20
1,1,1,2-Tetrachloroethane	630-20-6	ND	20
1,1,2,2-Tetrachloroethane	79-34-5	ND	20
Tetrachloroethene	127-18-4	ND	20
Toluene	108-88-3	ND	20
1,2,3-Trichlorobenzene	87-61-6	ND	20
1,2,4-Trichlorobenzene	120-82-1	ND	20
1,1,1-Trichloroethane	71-55-6	ND	20
1,1,2-Trichloroethane	79-00-5	ND	40
Trichloroethene	79-01-6	2,700	20
Trichlorofluoromethane	75-69-4	ND	20
1,2,3-Trichloropropane	96-18-4	ND	20
1,2,4-Trimethylbenzene	95-63-6	ND	20
1,3,5-Trimethylbenzene	108-67-8	ND	20
Vinyl chloride	75-01-4	ND	40
o-Xylene	95-47-6	ND	20
p,m-Xylene	108-38-3, 106-42-3	ND	20

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• • • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants Report Date: 2/28/94  
Client Address: 17310 Red Hill Avenue, Suite 220 Lab P.N.: 6470  
Irvine, CA 92714 Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/23/94  
Project Address: N/A Date Analyzed: 2/24/94  
Physical State: Liquid

Sample ID: WCC9S-8

---

### Volatile Organic Compounds, EPA 8240/8260

<u>Parameter</u>	<u>CAS #</u>	Conc.	Quantitation limit
		<u>µg/l</u>	<u>µg/l</u>
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	4.0	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	ND	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	ND	4.0
cis-1,2-Dichloroethene	156-59-2	2.0	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0

ND: Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants  
Client Address: 17310 Red Hill Avenue, Suite 220  
Irvine, CA 92714 Report Date: 2/28/94  
Lab P.N.: 6470  
Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/23/94  
Project Address: N/A Date Analyzed: 2/24/94  
Physical State: Liquid

Sample ID: WCC9S-8

---

### Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc.	Quantitation limit
1,2-Dichloropropane	78-87-5	ND	2.0
1,3-Dichloropropane	142-28-9	ND	2.0
2,2-Dichloropropane	594-20-7	ND	2.0
1,1-Dichloropropene	563-58-6	ND	2.0
cis-1,3-Dichloropropene	10061-01-5	ND	2.0
trans-1,3-Dichloropropene	10061-02-6	ND	2.0
Ethylbenzene	100-41-4	ND	2.0
Hexachlorobutadiene	87-68-3	ND	4.0
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	2.0
p-Isopropyltoluene	99-87-6	ND	2.0
Methylene chloride	75-09-2	ND	10
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	2.0
n-Propylbenzene	103-65-1	ND	2.0
Styrene	100-42-5	ND	2.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.0
Tetrachloroethylene	127-18-4	ND	2.0
Toluene	108-88-3	ND	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	ND	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethylene	79-01-6	31	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	108-38-3, 106-42-3	ND	2.0

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• • • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants Report Date: 2/28/94  
Client Address: 17310 Red Hill Avenue, Suite 220 Lab P.N.: 6470  
Irvine, CA 92714 Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/23/94  
Project Address: N/A Date Analyzed: 2/24/94  
Physical State: Liquid

Sample ID: WCC10S-8

---

### Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc.	Quantitation limit
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	5.0	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	ND	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	10	4.0
cis-1,2-Dichloroethene	156-59-2	ND	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• • • • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants  
Client Address: 17310 Red Hill Avenue, Suite 220  
Irvine, CA 92714 Report Date: 2/28/94  
Lab P.N.: 6470  
Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/23/94  
Project Address: N/A Date Analyzed: 2/24/94  
Physical State: Liquid

Sample ID: WCC11S-8

---

### Volatile Organic Compounds, EPA 8240/8260

<u>Parameter</u>	<u>CAS #</u>	<u>Conc.</u>	<u>Quantitation limit</u>
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	ND	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	ND	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	16	4.0
cis-1,2-Dichloroethene	156-59-2	4.0	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants Report Date: 2/28/94  
Client Address: 17310 Red Hill Avenue, Suite 220 Lab P.N.: 6470  
Irvine, CA 92714 Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/23/94  
Project Address: N/A Date Analyzed: 2/24/94  
Physical State: Liquid

Sample ID: WCC11S-8

## Volatile Organic Compounds, EPA 8240/8260

<u>Parameter</u>	<u>CAS #</u>	<u>Conc.</u>	<u>Quantitation limit</u>
1,2-Dichloropropane	78-87-5	ND	2.0
1,3-Dichloropropane	142-28-9	ND	2.0
2,2-Dichloropropane	594-20-7	ND	2.0
1,1-Dichloropropene	563-58-6	ND	2.0
cis-1,3-Dichloropropene	10061-01-5	ND	2.0
trans-1,3-Dichloropropene	10061-02-6	ND	2.0
Ethylbenzene	100-41-4	ND	2.0
Hexachlorobutadiene	87-68-3	ND	4.0
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	2.0
p-Isopropyltoluene	99-87-6	ND	2.0
Methylene chloride	75-09-2	ND	10
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	2.0
n-Propylbenzene	103-65-1	ND	2.0
Styrene	100-42-5	ND	2.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.0
Tetrachloroethene	127-18-4	ND	2.0
Toluene	108-88-3	ND	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	ND	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	100	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	108-38-3, 106-42-3	ND	2.0

ND: Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• • • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants Report Date: 3/2/94  
Client Address: 17310 Red Hill Avenue, Suite 220 Lab P.N.: 6476  
Irvine, CA 92714 Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/24/94  
Project Address: N/A Date Analyzed: 2/25/94  
Physical State: Liquid

Sample ID: WCC12S-8

---

### Volatile Organic Compounds, EPA 8240/8260

<u>Parameter</u>	<u>CAS #</u>	<u>Conc.</u>	<u>Quantitation limit</u>
1,2-Dichloropropane	78-87-5	ND	2.0
1,3-Dichloropropane	142-28-9	ND	2.0
2,2-Dichloropropane	594-20-7	ND	2.0
1,1-Dichloropropene	563-58-6	ND	2.0
cis-1,3-Dichloropropene	10061-01-5	ND	2.0
trans-1,3-Dichloropropene	10061-02-6	ND	2.0
Ethylbenzene	100-41-4	ND	2.0
Hexachlorobutadiene	87-68-3	ND	4.0
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	2.0
p-Isopropyltoluene	99-87-6	ND	2.0
Methylene chloride	75-09-2	ND	10
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	2.0
n-Propylbenzene	103-65-1	ND	2.0
Styrene	100-42-5	ND	2.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.0
Tetrachloroethene	127-18-4	ND	2.0
Toluene	108-88-3	ND	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	ND	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	270	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	108-38-3, 106-42-3	ND	2.0

ND: Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.



## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants  
Client Address: 17310 Red Hill Avenue, Suite 220  
Irvine, CA 92714 Report Date: 3/2/94  
Lab P.N.: 6476  
Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/24/94  
Project Address: N/A Date Analyzed: 2/25/94  
Physical State: Liquid

Sample ID: DW022494

DUPLICATE SAMPLE WCL-125

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc.	Quantitation limit
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	ND	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	3.9	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	77	4.0
cis-1,2-Dichloroethene	156-59-2	3.3	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• • • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants Report Date: 3/2/94  
 Client Address: 17310 Red Hill Avenue, Suite 220 Lab P.N.: 6476  
 Irvine, CA 92714 Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/24/94  
 Project Address: N/A Date Analyzed: 2/25/94  
 Physical State: Liquid

Sample ID: DW022494

Duplicate Sample WCC-125

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc.	Quantitation limit
1,2-Dichloropropane	78-87-5	ND	2.0
1,3-Dichloropropane	142-28-9	ND	2.0
2,2-Dichloropropane	594-20-7	ND	2.0
1,1-Dichloropropene	563-58-6	ND	2.0
cis-1,3-Dichloropropene	10061-01-5	ND	2.0
trans-1,3-Dichloropropene	10061-02-6	ND	2.0
Ethylbenzene	100-41-4	ND	2.0
Hexachlorobutadiene	87-68-3	ND	4.0
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	2.0
p-Isopropyltoluene	99-87-6	ND	2.0
Methylene chloride	75-09-2	ND	10
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	2.0
n-Propylbenzene	103-65-1	ND	2.0
Styrene	100-42-5	ND	2.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.0
Tetrachloroethene	127-18-4	ND	2.0
Toluene	108-88-3	ND	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	ND	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	220	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	108-38-3, 106-42-3	ND	2.0

ND: Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• • • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants  
Client Address: 17310 Red Hill Avenue, Suite 220  
Irvine, CA 92714 Report Date: 3/2/94  
Lab P.N.: 6476  
Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/24/94  
Project Address: N/A Date Analyzed: 2/28/94  
Physical State: Liquid

Sample ID: DAC P1-8

---

### Volatile Organic Compounds, EPA 8240/8260

<u>Parameter</u>	<u>CAS #</u>	<u>Conc.</u>	<u>Quantitation limit</u>
Acetone	67-64-1	ND	400
Benzene	71-43-2	ND	20
Bromobenzene	108-86-1	ND	20
Bromochloromethane	74-97-5	ND	40
Bromodichloromethane	75-27-4	ND	20
Bromoform	75-25-2	ND	20
Bromomethane	74-83-9	ND	40
2-Butanone	78-93-3	ND	400
n-Butylbenzene	104-51-8	ND	20
sec-Butylbenzene	135-98-8	ND	20
tert-Butylbenzene	98-06-6	ND	20
Carbon tetrachloride	56-23-5	ND	20
Carbon disulfide	75-15-0	ND	20
Chlorobenzene	108-90-7	ND	20
Chloroethane	75-00-3	ND	40
Chloroform	67-66-3	47	20
Chloromethane	74-87-3	ND	40
2-Chlorotoluene	95-49-8	ND	20
4-Chlorotoluene	106-43-4	ND	20
Dibromochloromethane	124-48-01	ND	20
1,2-Dibromo-3-chloropropane	96-12-8	ND	40
Dibromomethane	74-95-3	ND	20
1,2-Dibromoethane	106-93-4	ND	20
1,2-Dichlorobenzene	95-50-1	ND	20
1,3-Dichlorobenzene	541-73-1	ND	20
1,4-Dichlorobenzene	106-46-7	ND	20
Dichlorodifluoromethane	75-71-8	ND	20
1,1-Dichloroethane	75-34-3	ND	20
1,2-Dichloroethane	107-06-2	ND	20
1,1-Dichloroethene	75-35-4	ND	40
cis-1,2-Dichloroethene	156-59-2	89	20
trans-1,2-Dichloroethene	156-60-5	ND	20

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants Report Date: 3/2/94  
Client Address: 17310 Red Hill Avenue, Suite 220 Lab P.N.: 6476  
Irvine, CA 92714 Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/24/94  
Project Address: N/A Date Analyzed: 2/28/94  
Physical State: Liquid

Sample ID: DAC P1-8

---

### Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc.	Quantitation limit
1,2-Dichloropropane	78-87-5	ND	20
1,3-Dichloropropane	142-28-9	ND	20
2,2-Dichloropropane	594-20-7	ND	20
1,1-Dichloropropene	563-58-6	ND	20
cis-1,3-Dichloropropene	10061-01-5	ND	20
trans-1,3-Dichloropropene	10061-02-6	ND	20
Ethylbenzene	100-41-4	ND	20
Hexachlorobutadiene	87-68-3	ND	40
2-Hexanone	591-78-6	ND	200
Isopropylbenzene	98-82-8	ND	20
p-Isopropyltoluene	99-87-6	ND	20
Methylene chloride	75-09-2	ND	100
4-Methyl-2-pentanone	108-10-1	ND	200
Naphthalene	91-20-3	ND	20
n-Propylbenzene	103-65-1	ND	20
Styrene	100-42-5	ND	20
1,1,1,2-Tetrachloroethane	630-20-6	ND	20
1,1,2,2-Tetrachloroethane	79-34-5	ND	20
Tetrachloroethene	127-18-4	ND	20
Toluene	108-88-3	ND	20
1,2,3-Trichlorobenzene	87-61-6	ND	20
1,2,4-Trichlorobenzene	120-82-1	ND	20
1,1,1-Trichloroethane	71-55-6	ND	20
1,1,2-Trichloroethane	79-00-5	ND	40
Trichloroethene	79-01-6	20,000	200
Trichlorofluoromethane	75-69-4	ND	20
1,2,3-Trichloropropane	96-18-4	ND	20
1,2,4-Trimethylbenzene	95-63-6	ND	20
1,3,5-Trimethylbenzene	108-67-8	ND	20
Vinyl chloride	75-01-4	ND	40
o-Xylene	95-47-6	ND	20
p,m-Xylene	108-38-3, 106-42-3	ND	20

ND: Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants  
Client Address: 17310 Red Hill Avenue, Suite 220  
Irvine, CA 92714 Report Date: 2/28/94  
Lab P.N.: 6470  
Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/23/94  
Project Address: N/A Date Analyzed: 2/25/94  
Physical State: Liquid

Sample ID: WCC1D-8

---

### Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc.	Quantitation limit
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	ND	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	ND	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	140	4.0
cis-1,2-Dichloroethene	156-59-2	ND	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• • • • • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants  
Client Address: 17310 Red Hill Avenue, Suite 220  
Irvine, CA 92714 Report Date: 2/28/94  
Lab P.N.: 6470  
Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/23/94  
Project Address: N/A Date Analyzed: 2/25/94  
Physical State: Liquid

Sample ID: WCC1D-8

---

### Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc.	Quantitation limit
1,2-Dichloropropane	78-87-5	ND	2.0
1,3-Dichloropropane	142-28-9	ND	2.0
2,2-Dichloropropane	594-20-7	ND	2.0
1,1-Dichloropropene	563-58-6	ND	2.0
cis-1,3-Dichloropropene	10061-01-5	ND	2.0
trans-1,3-Dichloropropene	10061-02-6	ND	2.0
Ethylbenzene	100-41-4	ND	2.0
Hexachlorobutadiene	87-68-3	ND	4.0
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	2.0
p-Isopropyltoluene	99-87-6	ND	2.0
Methylene chloride	75-09-2	ND	10
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	2.0
n-Propylbenzene	103-65-1	ND	2.0
Styrene	100-42-5	ND	2.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.0
Tetrachloroethene	127-18-4	ND	2.0
Toluene	108-88-3	ND	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	3.0	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	14	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	108-38-3, 106-42-3	ND	2.0

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants Report Date: 2/28/94  
Client Address: 17310 Red Hill Avenue, Suite 220 Lab P.N.: 6470  
Irvine, CA 92714 Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/23/94  
Project Address: N/A Date Analyzed: 2/24/94  
Physical State: Liquid

Sample ID: WCC3D-8

---

### Volatile Organic Compounds, EPA 8240/8260

<u>Parameter</u>	<u>CAS #</u>	<u>Conc.</u>	<u>Quantitation limit</u>
Acetone	67-64-1	ND	80
Benzene	71-43-2	ND	4.0
Bromobenzene	108-86-1	ND	4.0
Bromochloromethane	74-97-5	ND	8.0
Bromodichloromethane	75-27-4	ND	4.0
Bromoform	75-25-2	ND	4.0
Bromomethane	74-83-9	ND	8.0
2-Butanone	78-93-3	ND	80
n-Butylbenzene	104-51-8	ND	4.0
sec-Butylbenzene	135-98-8	ND	4.0
tert-Butylbenzene	98-06-6	ND	4.0
Carbon tetrachloride	56-23-5	ND	4.0
Carbon disulfide	75-15-0	ND	4.0
Chlorobenzene	108-90-7	ND	4.0
Chloroethane	75-00-3	ND	8.0
Chloroform	67-66-3	ND	4.0
Chloromethane	74-87-3	ND	8.0
2-Chlorotoluene	95-49-8	ND	4.0
4-Chlorotoluene	106-43-4	ND	4.0
Dibromochloromethane	124-48-01	ND	4.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	8.0
Dibromomethane	74-95-3	ND	4.0
1,2-Dibromoethane	106-93-4	ND	4.0
1,2-Dichlorobenzene	95-50-1	ND	4.0
1,3-Dichlorobenzene	541-73-1	ND	4.0
1,4-Dichlorobenzene	106-46-7	ND	4.0
Dichlorodifluoromethane	75-71-8	ND	4.0
1,1-Dichloroethane	75-34-3	ND	4.0
1,2-Dichloroethane	107-06-2	ND	4.0
1,1-Dichloroethene	75-35-4	370	8.0
cis-1,2-Dichloroethene	156-59-2	ND	4.0
trans-1,2-Dichloroethene	156-60-5	ND	4.0

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants  
Client Address: 17310 Red Hill Avenue, Suite 220  
Irvine, CA 92714 Report Date: 2/28/94  
Lab P.N.: 6470  
Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/23/94  
Project Address: N/A Date Analyzed: 2/24/94  
Physical State: Liquid

Sample ID: WCC3D-8

---

### Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc.	Quantitation limit
1,2-Dichloropropane	78-87-5	ND	4.0
1,3-Dichloropropane	142-28-9	ND	4.0
2,2-Dichloropropane	594-20-7	ND	4.0
1,1-Dichloropropene	563-58-6	ND	4.0
cis-1,3-Dichloropropene	10061-01-5	ND	4.0
trans-1,3-Dichloropropene	10061-02-6	ND	4.0
Ethylbenzene	100-41-4	ND	4.0
Hexachlorobutadiene	87-68-3	ND	8.0
2-Hexanone	591-78-6	ND	40
Isopropylbenzene	98-82-8	ND	4.0
p-Isopropyltoluene	99-87-6	ND	4.0
Methylene chloride	75-09-2	ND	20
4-Methyl-2-pentanone	108-10-1	ND	40
Naphthalene	91-20-3	ND	4.0
n-Propylbenzene	103-65-1	ND	4.0
Styrene	100-42-5	ND	4.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	4.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	4.0
Tetrachloroethene	127-18-4	ND	4.0
Toluene	108-88-3	12	4.0
1,2,3-Trichlorobenzene	87-61-6	ND	4.0
1,2,4-Trichlorobenzene	120-82-1	ND	4.0
1,1,1-Trichloroethane	71-55-6	530	4.0
1,1,2-Trichloroethane	79-00-5	ND	8.0
Trichloroethene	79-01-6	23	4.0
Trichlorofluoromethane	75-69-4	ND	4.0
1,2,3-Trichloropropane	96-18-4	ND	4.0
1,2,4-Trimethylbenzene	95-63-6	ND	4.0
1,3,5-Trimethylbenzene	108-67-8	ND	4.0
Vinyl chloride	75-01-4	ND	8.0
o-Xylene	95-47-6	ND	4.0
p,m-Xylene	108-38-3, 106-42-3	ND	4.0

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

## LABORATORY RESULTS

Client: Kennedy/Jerks Consultants . Report Date: 2/28/94  
Client Address: 17310 Red Hill Avenue, Suite 220 Lab P.N.: 6470  
Irvine, CA 92714 Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/23/94  
Project Address: N/A Date Analyzed: 2/24/94  
Physical State: Liquid

Sample ID: DW022394

DUPPLICATE Sample - wcc - 3 D

## Volatile Organic Compounds, EPA 8240/8260

<u>Parameter</u>	<u>CAS #</u>	<u>Conc.</u>	<u>Quantitation limit</u>
Acetone	67-64-1	ND	80
Benzene	71-43-2	ND	4.0
Bromobenzene	108-86-1	ND	4.0
Bromo(chloromethane)	74-97-5	ND	8.0
Bromodichloromethane	75-27-4	ND	4.0
Bromoform	75-25-2	ND	4.0
Bromomethane	74-83-9	ND	8.0
2-Butanone	78-93-3	ND	80
n-Butylbenzene	104-51-8	ND	4.0
sec-Butylbenzene	135-98-8	ND	4.0
tert-Butylbenzene	98-06-6	ND	4.0
Carbon tetrachloride	56-23-5	ND	4.0
Carbon disulfide	75-15-0	ND	4.0
Chlorobenzene	108-90-7	ND	4.0
Chloroethane	75-00-3	ND	8.0
Chloroform	67-86-3	ND	4.0
Chloromethane	74-87-3	ND	8.0
2-Chlorotoluene	95-49-8	ND	4.0
4-Chlorotoluene	106-43-4	ND	4.0
Dibromochloromethane	124-48-01	ND	4.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	8.0
Dibromomethane	74-95-3	ND	4.0
1,2-Dibromoethane	106-93-4	ND	4.0
1,2-Dichlorobenzene	95-50-1	ND	4.0
1,3-Dichlorobenzene	541-73-1	ND	4.0
1,4-Dichlorobenzene	106-46-7	ND	4.0
Dichlorodifluoromethane	75-71-8	ND	4.0
1,1-Dichloroethane	75-34-3	ND	4.0
1,2-Dichloroethane	107-06-2	ND	4.0
1,1-Dichloroethene	75-35-4	420	8.0
cis-1,2-Dichloroethene	156-59-2	ND	4.0
trans-1,2-Dichloroethene	156-60-5	ND	4.0

ND: Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants Report Date: 2/28/94  
Client Address: 17310 Red Hill Avenue, Suite 220 Lab P.N.: 6470  
Irvine, CA 92714 Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/23/94  
Project Address: N/A Date Analyzed: 2/24/94  
Physical State: Liquid

Sample ID: DW022394

Duplicate Sample - WCC-3D

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc.	Quantitation limit
1,2-Dichloropropane	78-87-5	ND	4.0
1,3-Dichloropropane	142-28-9	ND	4.0
2,2-Dichloropropane	594-20-7	ND	4.0
1,1-Dichloropropene	563-58-6	ND	4.0
cis-1,3-Dichloropropene	10061-01-5	ND	4.0
trans-1,3-Dichloropropene	10061-02-6	ND	4.0
Ethylbenzene	100-41-4	ND	4.0
Hexachlorobutadiene	87-68-3	ND	8.0
2-Hexanone	591-78-6	ND	40
Isopropylbenzene	98-82-8	ND	4.0
p-Isopropyltoluene	99-87-6	ND	4.0
Methylene chloride	75-09-2	ND	20
4-Methyl-2-pentanone	108-10-1	ND	40
Naphthalene	91-20-3	ND	4.0
n-Propylbenzene	103-66-1	ND	4.0
Styrene	100-42-5	ND	4.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	4.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	4.0
Tetrachloroethene	127-18-4	ND	4.0
Toluene	108-88-3	13	4.0
1,2,3-Trichlorobenzene	87-61-6	ND	4.0
1,2,4-Trichlorobenzene	120-82-1	ND	4.0
1,1,1-Trichloroethane	71-55-6	590	4.0
1,1,2-Trichloroethane	79-00-5	ND	8.0
Trichloroethene	79-01-6	25	4.0
Trichlorofluoromethane	75-69-4	ND	4.0
1,2,3-Trichloropropane	96-18-4	ND	4.0
1,2,4-Trimethylbenzene	95-63-6	ND	4.0
1,3,5-Trimethylbenzene	108-67-8	ND	4.0
Vinyl chloride	75-01-4	ND	8.0
o-Xylene	95-47-6	ND	4.0
p,m-Xylene	108-38-3, 106-42-3	ND	4.0

ND: Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants Report Date: 2/28/94  
Client Address: 17310 Red Hill Avenue, Suite 220 Lab P.N.: 6470  
Irvine, CA 92714 Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/23/94  
Project Address: N/A Date Analyzed: 2/24/94  
Physical State: Liquid

Sample ID: FB022394

## Volatile Organic Compounds, EPA 8240/8260

<u>Parameter</u>	<u>CAS #</u>	<u>Conc.</u>	<u>Quantitation limit</u>
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	ND	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	ND	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	ND	4.0
cis-1,2-Dichloroethene	156-59-2	ND	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0

ND: Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants Report Date: 2/28/94  
Client Address: 17310 Red Hill Avenue, Suite 220 Lab P.N.: 6470  
Irvine, CA 92714 Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/23/94  
Project Address: N/A Date Analyzed: 2/24/94  
Physical State: Liquid

Sample ID: FB022394

---

### Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc.	Quantitation limit
1,2-Dichloropropane	78-87-5	ND	2.0
1,3-Dichloropropane	142-28-9	ND	2.0
2,2-Dichloropropane	594-20-7	ND	2.0
1,1-Dichloropropene	563-58-6	ND	2.0
cis-1,3-Dichloropropene	10061-01-5	ND	2.0
trans-1,3-Dichloropropene	10061-02-6	ND	2.0
Ethylbenzene	100-41-4	ND	2.0
Hexachlorobutadiene	87-68-3	ND	4.0
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	2.0
p-Isopropyltoluene	99-87-6	ND	2.0
Methylene chloride	75-09-2	ND	10
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	2.0
n-Propylbenzene	103-65-1	ND	2.0
Styrene	100-42-5	ND	2.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.0
Tetrachloroethene	127-18-4	ND	2.0
Toluene	108-88-3	ND	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	ND	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	ND	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	108-38-3, 106-42-3	ND	2.0

ND: Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants  
Client Address: 17310 Red Hill Avenue, Suite 220  
Irvine, CA 92714 Report Date: 3/2/94  
Lab P.N.: 6476  
Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/24/94  
Project Address: N/A Date Analyzed: 2/25/94  
Physical State: Liquid

Sample ID: FB022494

---

### Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc.	Quantitation limit
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	ND	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	ND	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	ND	4.0
cis-1,2-Dichloroethene	156-59-2	ND	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants  
Client Address: 17310 Red Hill Avenue, Suite 220  
Irvine, CA 92714 Report Date: 3/2/94  
Lab P.N.: 6476  
Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/24/94  
Project Address: N/A Date Analyzed: 2/25/94  
Physical State: Liquid

Sample ID: FB022494

---

### Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc.	Quantitation limit
1,2-Dichloropropane	78-87-5	ND	2.0
1,3-Dichloropropane	142-28-9	ND	2.0
2,2-Dichloropropane	594-20-7	ND	2.0
1,1-Dichloropropene	563-58-6	ND	2.0
cis-1,3-Dichloropropene	10061-01-5	ND	2.0
trans-1,3-Dichloropropene	10061-02-6	ND	2.0
Ethylbenzene	100-41-4	ND	2.0
Hexachlorobutadiene	87-68-3	ND	4.0
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	2.0
p-Isopropyltoluene	99-87-6	ND	2.0
Methylene chloride	75-09-2	ND	10
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	2.0
n-Propylbenzene	103-65-1	ND	2.0
Styrene	100-42-5	ND	2.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.0
Tetrachloroethene	127-18-4	ND	2.0
Toluene	108-88-3	ND	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	ND	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	ND	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	108-38-3, 106-42-3	ND	2.0

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

● ●

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants Report Date: 3/2/94  
Client Address: 17310 Red Hill Avenue, Suite 220 Lab P.N.: 6476  
Irvine, CA 92714 Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/24/94  
Project Address: N/A Date Analyzed: 2/25/94  
Physical State: Liquid

Sample ID: WCC12S-8

---

### Volatile Organic Compounds, EPA 8240/8260

<u>Parameter</u>	<u>CAS #</u>	Conc.	Quantitation limit
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	ND	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	7.7	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	89	4.0
cis-1,2-Dichloroethene	156-59-2	2.9	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants  
Client Address: 17310 Red Hill Avenue, Suite 220  
Irvine, CA 92714 Report Date: 2/28/94  
Lab P.N.: 6470  
Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/23/94  
Project Address: N/A Date Analyzed: 2/24/94  
Physical State: Liquid

Sample ID: WCC10S-8

---

### Volatile Organic Compounds, EPA 8240/8260

<u>Parameter</u>	<u>CAS #</u>	<u>Conc.</u>	<u>Quantitation limit</u>
1,2-Dichloropropane	78-87-5	ND	2.0
1,3-Dichloropropane	142-28-9	ND	2.0
2,2-Dichloropropane	594-20-7	ND	2.0
1,1-Dichloropropene	563-58-6	ND	2.0
cis-1,3-Dichloropropene	10061-01-5	ND	2.0
trans-1,3-Dichloropropene	10061-02-6	ND	2.0
Ethylbenzene	100-41-4	ND	2.0
Hexachlorobutadiene	87-68-3	ND	4.0
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	2.0
p-Isopropyltoluene	99-87-6	ND	2.0
Methylene chloride	75-09-2	ND	10
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	2.0
n-Propylbenzene	103-65-1	ND	2.0
Styrene	100-42-5	ND	2.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.0
Tetrachloroethene	127-18-4	ND	2.0
Toluene	108-88-3	ND	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	ND	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	110	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	108-38-3, 106-42-3	ND	2.0

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants  
Client Address: 17310 Red Hill Avenue, Suite 220  
Irvine, CA 92714 Report Date: 2/28/94  
Lab P.N.: 6470  
Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/23/94  
Project Address: N/A Date Analyzed: 2/24/94  
Physical State: Liquid

Sample ID: TB022394

---

### Volatile Organic Compounds, EPA 8240/8260

<u>Parameter</u>	<u>CAS #</u>	Conc.	Quantitation limit
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	ND	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	ND	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	ND	4.0
cis-1,2-Dichloroethene	156-59-2	ND	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• • • • • • • • • • • • • • • •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants  
Client Address: 17310 Red Hill Avenue, Suite 220  
Irvine, CA 92714 Report Date: 2/28/94  
Lab P.N.: 6470  
Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/23/94  
Project Address: N/A Date Analyzed: 2/24/94  
Physical State: Liquid

Sample ID: TB022394

---

### Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc.	Quantitation limit
1,2-Dichloropropane	78-87-5	ND	2.0
1,3-Dichloropropane	142-28-9	ND	2.0
2,2-Dichloropropane	594-20-7	ND	2.0
1,1-Dichloropropene	563-58-6	ND	2.0
cis-1,3-Dichloropropene	10061-01-5	ND	2.0
trans-1,3-Dichloropropene	10061-02-6	ND	2.0
Ethylbenzene	100-41-4	ND	2.0
Hexachlorobutadiene	87-68-3	ND	4.0
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	2.0
p-Isopropyltoluene	99-87-6	ND	2.0
Methylene chloride	75-09-2	ND	10
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	2.0
n-Propylbenzene	103-65-1	ND	2.0
Styrene	100-42-5	ND	2.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.0
Tetrachloroethene	127-18-4	ND	2.0
Toluene	108-88-3	ND	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	ND	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	ND	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	108-38-3, 106-42-3	ND	2.0

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

• •

## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants Report Date: 3/2/94  
Client Address: 17310 Red Hill Avenue, Suite 220 Lab P.N.: 6476  
Irvine, CA 92714 Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/24/94  
Project Address: N/A Date Analyzed: 2/25/94  
Physical State: Liquid

Sample ID: TB022494

---

### Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc.	Quantitation limit
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	ND	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	ND	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	ND	4.0
cis-1,2-Dichloroethene	156-59-2	ND	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0

ND; Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.



## LABORATORY RESULTS

Client: Kennedy/Jenks Consultants  
Client Address: 17310 Red Hill Avenue, Suite 220  
Irvine, CA 92714 Report Date: 3/2/94  
Lab P.N.: 6476  
Client P.N.: 924010.01

Project Name: Douglas Aircraft Company Date Sampled: 2/24/94  
Project Address: N/A Date Analyzed: 2/25/94  
Physical State: Liquid

Sample ID: TB022494

---

### Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc.	Quantitation limit
1,2-Dichloropropane	78-87-5	ND	2.0
1,3-Dichloropropane	142-28-9	ND	2.0
2,2-Dichloropropane	594-20-7	ND	2.0
1,1-Dichloropropene	563-58-6	ND	2.0
cis-1,3-Dichloropropene	10061-01-5	ND	2.0
trans-1,3-Dichloropropene	10061-02-6	ND	2.0
Ethylbenzene	100-41-4	ND	2.0
Hexachlorobutadiene	87-68-3	ND	4.0
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	2.0
p-Isopropyltoluene	99-87-6	ND	2.0
Methylene chloride	75-09-2	ND	10
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	2.0
n-Propylbenzene	103-65-1	ND	2.0
Styrene	100-42-5	ND	2.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.0
Tetrachloroethene	127-18-4	ND	2.0
Toluene	108-88-3	ND	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	ND	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	ND	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	108-38-3, 106-42-3	ND	2.0

ND: Not Detectable

The Laboratory Results are only a portion of the Laboratory Report.

**APPENDIX B**

**LABORATORY/FIELD QUALITY CONTROL  
DATA SHEETS**



1960 E. State Ave. Suite 130 ▲ Santa Ana, California 92705  
714/547-1022 ▲ Fax 714/547-1021

1960 E. State Ave. Suite 130 ▲ San Jose, California 95134  
408/265-1022 ▲ Fax 408/265-1021



## LABORATORY REPORT

Client: Kennedy/Jenks Consultants  
Client Address: 17310 Red Hill Avenue, Suite 220  
Irvine, CA 92714

Report Date: 2/28/94  
Lab P.N.: 6470  
Client P.N.: 924010.01

Contact: Sarah Bartling

Project Name: Douglas Aircraft Company  
Project Address: N/A

Date Sampled: 2/23/94  
Date Received: 2/23/94  
Date Analyzed: 2/24/94-2/25/94  
Physical State: Liquid

### Quality Assurance/Quality Control Summary

Parameter (Method)	QC Type	Percent	Duplicate Percent	Acceptable Range	Relative	
		Recovery	Recovery		Percent Difference	Acceptable Range
1,1, Dichloroethene (EPA 8240/8260)	M	79	83	50-127	5	0-22
Trichloroethene (EPA 8240/8260)	M	98	88	64-137	11	0-15
Benzene (EPA 8240/8260)	M	96	93	80-121	4	0-15
Toluene (EPA 8240/8260)	M	102	95	82-118	7	0-12
Chlorobenzene (EPA 8240/8260)	M	97	95	85-119	2	0-12

M = Matrix Spike / Matrix Spike Duplicate

L = Laboratory Control Sample Spike / Spike Duplicate

Reviewed

The samples were received by TERRA TECH LABS, Inc. in a chilled state, intact and accompanied by the Chain-of-Custody Record.

Acceptance of samples by Terra Tech Labs, Inc. is not an indication of condition upon receipt.

Laboratory Results apply only to the sample matrix analyzed and may not apply to an apparently identical or similar sample.

The Laboratory Report is the property of the client to whom it is addressed.

The Laboratory Results are only a portion of the Laboratory Report.

Approved



Corporate Office  
1920 E. Deere Ave., Suite 130 ▲ Santa Ana, California 92705  
Tel 714 757 7022 ▲ Fax 714 757 7274  
Phoenix Office  
3302 E. University Drive, Suite 4 ▲ Phoenix, Arizona 85034  
Tel 602 437 9367 ▲ Fax 602 437 9362

## LABORATORY REPORT

Client: Kennedy/Jenks Consultants  
Client Address: 17310 Red Hill Avenue, Suite 220  
Irvine, CA 92714

Report Date: 3/2/94  
Lab P.N.: 6476  
Client P.N.: 924010.01

Contact: Sarah Bartling

Project Name: Douglas Aircraft Company  
Project Address: N/A

Date Sampled: 2/24/94  
Date Received: 2/24/94  
Date Analyzed: 2/25/94-2/28/94  
Physical State: Liquid

### Quality Assurance/Quality Control Summary

Parameter (Method)	QC Type	MS		MSD		Relative	
		Percent Recovery	MSD Recovery	Acceptable Range	Percent Difference	Acceptable Range	
1,1, Dichloroethene (EPA 8240/8260)	M	94	98	50-127	5	0-22	
Benzene (EPA 8240/8260)	M	94	103	64-137	9	0-15	
Trichloroethene (EPA 8240/8260)	M	86	99	80-121	14	0-15	
Toluene (EPA 8240/8260)	M	86	97	82-118	12	0-12	
Chlorobenzene (EPA 8240/8260)	M	95	103	85-119	8	0-12	

M = Matrix Spike / Matrix Spike Duplicate

L = Laboratory Control Sample Spike / Spike Duplicate

Reviewed

Approved

The samples were received by TERRA TECH LABS, Inc. in a chilled state, intact and accompanied by the Chain-of-Custody Record.  
Acceptance of samples by Terra Tech Labs, Inc. is not an indication of condition upon receipt.  
Laboratory Results apply only to the sample matrix analyzed and may not apply to an apparently identical or similar sample.  
The Laboratory Report is the property of the client to whom it is addressed.  
The Laboratory Results are only a portion of the Laboratory Report.

**APPENDIX C**

**GROUNDWATER PURGE AND SAMPLE FORMS**

## Groundwater Purge and Sample Form

Date: 2/24/94

Kennedy/Jenks Consultants

PROJECT NAME:	DAC	WELL NUMBER:	WCC-1 S
PROJECT NUMBER:	924010.01	PERSONNEL:	Shane Scrimshire
STATIC WATER LEVEL (FT):	68.31	MEASURING POINT DESCRIPTION:	Top of casing (north)
WATER LEVEL MEASUREMENT METHOD:	Electric Probe	PURGE METHOD:	Grundfos thru stainless
TIME START PURGE:	1150	PURGE DEPTH (FT)	76'
TIME END PURGE:	1159		
TIME SAMPLED:	1202		
COMMENTS:			

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	DEPTH TO WATER (FT)	WATER COLUMN (FT)	MULTIPLIER FOR CASING DIAMETER (IN)			CASING VOLUME (GAL)
				2	4	6	
				0.16	0.64	1.44	
	83.55	68.31	15.24				10

TIME	1152	1154	1156	1158			
VOLUME PURGED (GAL)	10 gpm	20 gpm	30	40			
PURGE RATE (GPM)	5 gpm	5 gpm	5 gpm	5 gpm			
TEMPERATURE (°C)	20.4	27.9	27.9	27.9			
pH	7.45	7.49	7.40	7.39			
SPECIFIC CONDUCTIVITY (micromhos) (uncorrected) cm	15.89	14.93	14.45	14.45			
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	Clear	Clear	Clear	Clear			
ODOR	NO	NO	NO	NO			
DEPTH OF PURGE INTAKE (FT)	76'	76'	76'	76'			
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

## Groundwater Purge and Sample Form

Date: 2/24/94

Kennedy/Jenks Consultants

PROJECT NAME:	DAC	WELL NUMBER:	WCC-2S
PROJECT NUMBER:	924010.01	PERSONNEL:	Shane Scrimshire
STATIC WATER LEVEL (FT):	68.07	MEASURING POINT DESCRIPTION:	Top of casing (North)
WATER LEVEL MEASUREMENT METHOD:	Electric Probe	PURGE METHOD:	Grundfos thru stainless pipe
TIME START PURGE:	810	PURGE DEPTH (FT)	78'
TIME END PURGE:	819		
TIME SAMPLED:	828		
COMMENTS:			

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	DEPTH TO WATER (FT)	WATER COLUMN (FT)	MULTIPLIER FOR CASING DIAMETER (IN)			CASING VOLUME (GAL)
				2	4	6	
	88.80	68.07	20.73	X	0.16	0.64	1.44
							14

TIME	811	813	815	817	819		
VOLUME PURGED (GAL)	10 gal.	20 gal.	30 gal.	40 gal.	50 gal.		
PURGE RATE (GPM)	5 gpm	5 gpm	5 gpm	5 gpm	5 gpm		
TEMPERATURE (°C)	68.1	69.7	70.2	70.5	70.6		
pH	7.40	7.26	7.27	7.26	7.27		
SPECIFIC CONDUCTIVITY (micromhos) (uncorrected) cm	1131.	1,034.	1046.	1058.	1058		
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	slightly turbid	slightly turbid	slightly turbid	slightly turbid	clear		
ODOR	no	no	no	no	no		
DEPTH OF PURGE INTAKE (FT)	76'	78'	78'	78'	78'		
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

## Groundwater Purge and Sample Form

Date: 2/24/94

Kennedy/Jenks Consultants

PROJECT NAME:	<u>DAC</u>	WELL NUMBER:	<u>WCC-35</u>
PROJECT NUMBER:	<u>924010.01</u>	PERSONNEL:	<u>Shane Scrimshire</u>
STATIC WATER LEVEL (FT):	<u>68.86</u>	MEASURING POINT DESCRIPTION:	<u>Top of casing (well)</u>
WATER LEVEL MEASUREMENT METHOD:	<u>Electric Probe</u>	PURGE METHOD:	<u>Ground Gas thru stainless</u>
TIME START PURGE:	<u>1223</u>	PURGE DEPTH (FT)	<u>78'</u>
TIME END PURGE:	<u>1232</u>		
TIME SAMPLED:	<u>1236</u>		
COMMENTS:			

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	DEPTH TO WATER (FT)	WATER COLUMN (FT)	MULTIPLIER FOR CASTING DIAMETER (IN)			CASING VOLUME (GAL)
				2	4	6	
				0.16	0.64	1.44	
	<u>88.10</u>	<u>68.86</u>	<u>19.24</u>				<u>13</u>

TIME	1225	1227	1229	1230	1231	
VOLUME PURGED (GAL)	10 gal	20	30	35	40	
PURGE RATE (GPM)	5	5	5	5	5	
TEMPERATURE (°C)	77.9	77.1	76.7	76.5	76.4	
pH	7.56	7.09	6.97	6.93	6.92	
SPECIFIC CONDUCTIVITY (micromhos) (uncorrected)	1952	1934	1763	1676	1675	
DISSOLVED OXYGEN (mg/L)						
eH(MV)Pt-AgCl ref.						
TURBIDITY/COLOR	Clear	Clear	Clear	Clear	Clear	
ODOR	No	slight sour u. J. no coffee odor				→
DEPTH OF PURGE INTAKE (FT)	78'	78'	78'	78'	78'	
DEPTH TO WATER DURING PURGE (FT)						
NUMBER OF CASING VOLUMES REMOVED						
DEWATERED?						

## Groundwater Purge and Sample Form

Date: 2/24/94

Kennedy/Jenks Consultants

PROJECT NAME: <u>DAC</u>	WELL NUMBER: <u>WCC-4S</u>
PROJECT NUMBER: <u>924010.01</u>	PERSONNEL: <u>Shane Scrimshire</u>
STATIC WATER LEVEL (FT): <u>67.46</u>	MEASURING POINT DESCRIPTION: <u>WCC-4S</u>
WATER LEVEL MEASUREMENT METHOD: <u>Electric Probe</u>	PURGE METHOD: <u>Grundfos thru stainless pipe</u>
TIME START PURGE: <u>953</u>	PURGE DEPTH (FT) <u>79'</u>
TIME END PURGE: <u>1006</u>	
TIME SAMPLED: <u>1008</u>	
COMMENTS:	

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	DEPTH TO WATER (FT)	WATER COLUMN (FT)	MULTIPLIER FOR CASING DIAMETER (IN)			42 CASING VOLUME (GAL)
				2	4	6	
				0.16	0.64	1.44	
	<u>91.60</u>	<u>67.46</u>	<u>24.14</u>				<u>14</u>

TIME	955	957	959	1001	1003	1005	
VOLUME PURGED (GAL)	<u>10 gal</u>	<u>20 gal</u>	<u>30 gal</u>	<u>40 gal</u>	<u>45 gal</u>	<u>50 gal</u>	
PURGE RATE (GPM)	<u>5 gpm</u>						
TEMPERATURE ( $^{\circ}$ F)	<u>74.2</u>	<u>74.4</u>	<u>74.8</u>	<u>75.6</u>	<u>75.5</u>	<u>75.5</u>	
pH	<u>7.51</u>	<u>7.43</u>	<u>7.38</u>	<u>7.36</u>	<u>7.35</u>	<u>7.35</u>	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	<u>1424.</u>	<u>1362.</u>	<u>1262.</u>	<u>1237</u>	<u>1215.</u>	<u>1216</u>	
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	<u>Clear</u>	<u>Clear</u>	<u>Clear</u>	<u>clear</u>	<u>clear</u>	<u>clear</u>	
ODOR	<u>no</u>	<u>no</u>	<u>no</u>	<u>no</u>	<u>no</u>	<u>no</u>	
DEPTH OF PURGE INTAKE (FT)	<u>79'</u>	<u>79'</u>	<u>79'</u>	<u>79'</u>	<u>79'</u>	<u>79'</u>	
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

## Groundwater Purge and Sample Form

Date: 2/23/94

Kennedy/Jenks Consultants

PROJECT NAME:	<u>DAC</u>	WELL NUMBER:	<u>WCC 55</u>
PROJECT NUMBER:	<u>924010.01</u>	PERSONNEL:	<u>Shane Scrimshire</u>
STATIC WATER LEVEL (FT):	<u>66.00</u>	MEASURING POINT DESCRIPTION:	<u>Top of casing (Not ground)</u>
WATER LEVEL MEASUREMENT METHOD:	<u>Electric Probe</u>		
TIME START PURGE:	<u>1312</u>	PURGE METHOD:	<u>Ground to the s.s. pipe</u>
TIME END PURGE:	<u>1321</u>	PURGE DEPTH (FT)	<u>78'</u>
TIME SAMPLED:	<u>1330</u>		
COMMENTS:			

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	DEPTH TO WATER (FT)	WATER COLUMN (FT)	MULTIPLIER FOR CASING DIAMETER (IN)			Casing Volume (GAL)
				2	4	6	
				0.16	0.64	1.44	
	<u>69.50</u>	<u>66.00</u>	<u>23.50</u>				<u>50</u> <u>15.36</u>

TIME	<u>1314</u>	<u>1317</u>	<u>1319</u>	<u>1320</u>			
VOLUME PURGED (GAL)	<u>10 gal</u>	<u>35 gal</u>	<u>45 gal</u>	<u>50 gal</u>			
PURGE RATE (GPM)	<u>5 gpm</u>	<u>5 gpm</u>	<u>5 gpm</u>	<u>5 gpm</u>			
TEMPERATURE (°C)	<u>77.4</u>	<u>77.5</u>	<u>75.9</u>	<u>75.9</u>			
pH	<u>7.23</u>	<u>7.05</u>	<u>7.01</u>	<u>7.01</u>			
SPECIFIC CONDUCTIVITY (micromhos) (uncorrected)	<u>1,593</u>	<u>1,539</u>	<u>1,482</u>	<u>1,483</u>			
DISSOLVED OXYGEN (mg/L)							
eH(MV) Pt-AgCl ref.							
TURBIDITY/COLOR	<u>Clear</u>	<u>Clear</u>	<u>Clear</u>	<u>Clear</u>			
ODOR	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>			
DEPTH OF PURGE INTAKE (FT)	<u>78'</u>	<u>78'</u>	<u>78'</u>	<u>78'</u>			
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

## Groundwater Purge and Sample Form

Date: 2/24/94

Kennedy/Jenks Consultants

PROJECT NAME: <u>PAC</u>	WELL NUMBER: <u>WCC-6S</u>						
PROJECT NUMBER: <u>924010.01</u>	PERSONNEL: <u>Shane Scimistone</u>						
STATIC WATER LEVEL (FT): <u>68.87</u>	MEASURING POINT DESCRIPTION: <u>Top of casing (Nodal)</u>						
WATER LEVEL MEASUREMENT METHOD: <u>Electric Probe</u>	PURGE METHOD: <u>Groundfus thru stainless pipe</u>						
TIME START PURGE: <u>1024</u>	PURGE DEPTH (FT) <u>79'</u>						
TIME END PURGE: <u>1034</u>							
TIME SAMPLED: <u>1040</u>							
COMMENTS:							
WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	DEPTH TO WATER (FT)	WATER COLUMN (FT)	MULTIPLIER FOR CASING DIAMETER (IN)			39 CASING VOLUME (GAL)
				2	4	6	
<u>89.15</u>	<u>68.87</u>	<u>20.28</u>	X	<u>0.16</u>	<u>0.64</u>	<u>1.44</u>	<u>12.80</u>
TIME	1026	1028	1030	1031	1032	1034	
VOLUME PURGED (GAL)	10gal	20gal	30gal	35gal	40gal	50gal	
PURGE RATE (GPM)	5gpm	5gpm	5gpm	5gpm	5gpm	5gpm	
TEMPERATURE (°C)	77.0	75.6	75.9	75.4	75.1	75.2	
pH	7.78	7.27	7.18	7.15	7.15	7.15	
SPECIFIC CONDUCTIVITY (micromhos) (uncorrected)	1409.						
DISSOLVED OXYGEN (mg/L)	7.78	1438.	1443	1453	1450	1450	
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	Clear	Clear	Clear	Clear	clear	clear	
ODOR	sour Hydroc. no	slight odor	no	no	no	no	
DEPTH OF PURGE INTAKE (FT)	79'	79'	79'	79'	79'	79'	
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

## Groundwater Purge and Sample Form

Date: 2/24/74

Kennedy/Jenks Consultants

PROJECT NAME: <u>DAC</u>	WELL NUMBER: <u>WCC-75</u>
PROJECT NUMBER: <u>924010.01</u>	PERSONNEL: <u>Shane Scrimshire</u>
STATIC WATER LEVEL (FT): <u>66.51</u>	MEASURING POINT DESCRIPTION: <u>top of casing (north)</u>
WATER LEVEL MEASUREMENT METHOD: <u>Electric Probe</u>	PURGE METHOD: <u>Gravel 50s thru stainless pipe</u>
TIME START PURGE: <u>923</u>	PURGE DEPTH (FT) <u>78'</u>
TIME END PURGE: <u>935 933</u>	
TIME SAMPLED: <u>934 940</u>	
COMMENTS:	

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	DEPTH TO WATER (FT)	WATER COLUMN (FT)	MULTIPLIER FOR CASING DIAMETER (IN)			CASING VOLUME (GAL)	
				2	4	6		
	<u>88.95</u>	<u>66.51</u>	<u>22.44</u>	X	<u>0.16</u>	<u>0.64</u>	<u>1.44</u>	<u>15</u>

TIME	<u>925</u>	<u>927</u>	<u>929</u>	<u>931</u>	<u>933</u>		
VOLUME PURGED (GAL)	<u>10 gal.</u>	<u>20 gal</u>	<u>30 gal</u>	<u>40</u>	<u>45 gal</u>		
PURGE RATE (GPM)	<u>5 gpm</u>	<u>5 gpm</u>	<u>5 gpm</u>	<u>5 gpm</u>	<u>5 gpm</u>		
TEMPERATURE (°C)	<u>23.8</u>	<u>24.2</u>	<u>24.2</u>	<u>24.6</u>	<u>24.6</u>		
pH	<u>7.45</u>	<u>7.27</u>	<u>7.26</u>	<u>7.26</u>	<u>7.25</u>		
SPECIFIC CONDUCTIVITY (micromhos) (uncorrected) cm	<u>1035.</u>	<u>1016</u>	<u>1015.</u>	<u>1019.</u>	<u>1019.</u>		
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	<u>clear</u>	<u>clear</u>	<u>clear</u>	<u>clear</u>	<u>clear</u>		
ODOR	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>		
DEPTH OF PURGE INTAKE (FT)	<u>78'</u>	<u>78'</u>	<u>78'</u>	<u>78'</u>	<u>78'</u>		
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

## Groundwater Purge and Sample Form

Date: 2/24/94

Kennedy/Jenks Consultants

PROJECT NAME: <u>DAC</u>	WELL NUMBER: <u>WCC-85</u>
PROJECT NUMBER: <u>924010.01</u>	PERSONNEL: <u>Shane Scrimshire</u>
STATIC WATER LEVEL (FT): <u>68.05</u>	MEASURING POINT DESCRIPTION: <u>Top of casing (North)</u>
WATER LEVEL MEASUREMENT METHOD: <u>Electric Probe</u>	PURGE METHOD: <u>Ground Gas thru stainless pipe</u>
TIME START PURGE: <u>1059</u>	PURGE DEPTH (FT) <u>78'</u>
TIME END PURGE: <u>1134</u>	
TIME SAMPLED: <u>1135</u>	
COMMENTS:	

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	DEPTH TO WATER (FT)	WATER COLUMN (FT)	MULTIPLIER FOR CASING DIAMETER (IN)			Casing Volume (GAL)	
				(2)	4	6		
	<u>69.10</u>	<u>68.05</u>	<u>21.05</u>	X	0.16	0.64	<u>1.44</u>	<u>3gal</u>

TIME	1110	1121	1125	1129	1133		
VOLUME PURGED (GAL)	<u>2gal</u>	<u>6gal</u>	<u>8gal</u>	<u>9gal</u>	<u>10gal.</u>		
PURGE RATE (GPM)							
TEMPERATURE (°C)	<u>78.9</u>	<u>78.8</u>	<u>78.1</u>	<u>77.9</u>	<u>77.9</u>		
pH	<u>7.35</u>	<u>7.30</u>	<u>7.26</u>	<u>7.25</u>	<u>7.28</u>		
SPECIFIC CONDUCTIVITY (micromhos) (uncorrected) cm	<u>1756.</u>	<u>1742.</u>	<u>1732.</u>	<u>1728.</u>	<u>1727</u>		
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	<u>slightly turbid</u>						
ODOR	<u>no</u>	<u>no</u>	<u>no</u>	<u>no</u>	<u>no</u>		
DEPTH OF PURGE INTAKE (FT)							
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

## Groundwater Purge and Sample Form

Date: 2/23/94

Kennedy/Jenks Consultants

PROJECT NAME:	<u>DAC</u>			WELL NUMBER:	<u>WCC-95</u>			
PROJECT NUMBER:	<u>924010.01</u>			PERSONNEL:	<u>Strane Scrimshire</u>			
STATIC WATER LEVEL (FT):	<u>65.10</u>			MEASURING POINT DESCRIPTION:	<u>Top of casing North</u>			
WATER LEVEL MEASUREMENT METHOD:	<u>Electric Probe</u>			PURGE METHOD:	<u>Groundflow thru ss pipe</u>			
TIME START PURGE:	<u>1350</u>			PURGE DEPTH (FT)	<u>78'</u>			
TIME END PURGE:	<u>1400</u>							
TIME SAMPLED:								
COMMENTS:								
WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	DEPTH TO WATER (FT)	WATER COLUMN (FT)	MULTIPLIER FOR CASING DIAMETER (IN)			CASING VOLUME (GAL)	
				X	2	4		6
	<u>86.10</u>	<u>65.10</u>	<u>21.00</u>		<u>0.16</u>	<u>0.64</u>	<u>1.44</u>	<u>1344</u>
TIME	<u>1352</u>							
VOLUME PURGED (GAL)	<u>10</u>	<u>23</u>	<u>40</u>	<u>45</u>	<u>50</u>			
PURGE RATE (GPM)	<u>5gpm</u>	<u>5gpm</u>	<u>5gpm</u>	<u>5gpm</u>	<u>5gpm</u>			
TEMPERATURE <del>(°F)</del> °F	<u>76.2</u>	<u>75.4</u>	<u>74.5</u>	<u>73.6</u>	<u>73.7</u>			
pH	<u>7.28</u>	<u>7.11</u>	<u>7.13</u>	<u>7.15</u>	<u>7.15</u>			
SPECIFIC CONDUCTIVITY (micromhos) (uncorrected) cm	<u>963.</u>	<u>966.</u>	<u>983.</u>	<u>986.</u>	<u>985.</u>			
DISSOLVED OXYGEN (mg/L)	<u>965</u>							
eH(MV)Pt-AgCl ref.								
TURBIDITY/COLOR	<u>Clear</u>	<u>Clear</u>	<u>Clear</u>	<u>clear</u>	<u>clear</u>			
ODOR	<u>NO</u>	<u>NO</u>	<u>NO</u>	<u>NO</u>	<u>NO</u>			
DEPTH OF PURGE INTAKE (FT)								
DEPTH TO WATER DURING PURGE (FT)								
NUMBER OF CASING VOLUMES REMOVED								
DEWATERED?								

## Groundwater Purge and Sample Form

Date: 2/23/94

Kennedy/Jenks Consultants

PROJECT NAME: <u>DAC</u>	WELL NUMBER: <u>WCC10.S</u>							
PROJECT NUMBER: <u>724010.01</u>	PERSONNEL: <u>Shane Scrimshire</u>							
STATIC WATER LEVEL (FT): <u>68.20</u>	MEASURING POINT DESCRIPTION:							
WATER LEVEL MEASUREMENT METHOD: <u>Electric Probe</u>	PURGE METHOD: <u>Gravels thru Stainless pipe</u>							
TIME START PURGE: <u>1610</u>	PURGE DEPTH (FT) <u>78.30</u>							
TIME END PURGE: <u>1620</u>								
TIME SAMPLED: <u>1620</u>								
COMMENTS:								
WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	DEPTH TO WATER (FT)	WATER COLUMN (FT)	MULTIPLIER FOR CASING DIAMETER (IN)			39 CASING VOLUME (GAL)	
				X	2	4		6
				-	0.16	0.64		1.44
<u>88.40</u>	<u>68.20</u>	<u>20.20</u>					<u>12.80</u>	
TIME	<u>1612</u>	<u>1615</u>	<u>1617</u>	<u>1619</u>				
VOLUME PURGED (GAL)	<u>10</u> <u>10gpm</u>	<u>25</u>	<u>35</u>	<u>40</u>				
PURGE RATE (GPM)	<u>5gpm</u>	<u>5gpm</u>	<u>5gpm</u>	<u>5gpm</u>				
TEMPERATURE (°C)	<u>68.8</u>	<u>70.7</u>	<u>71.3</u>	<u>71.1</u>				
pH	<u>7.57</u>	<u>7.46</u>	<u>7.21</u>	<u>7.22</u>				
SPECIFIC CONDUCTIVITY ( <u>micromhos</u> ) (uncorrected) cm	<u>955.</u>	<u>966.</u>	<u>968</u> <u>977</u>	<u>968.</u>				
DISSOLVED OXYGEN (mg/L)								
eH(MV)Pt-AgCl ref.								
TURBIDITY/COLOR	<u>Clear</u>	<u>Clear</u>	<u>Clear</u>	<u>Clear</u>				
ODOR	<u>NONE</u>	<u>NONE</u>	<u>NONE</u>	<u>NONE</u>				
DEPTH OF PURGE INTAKE (FT)								
DEPTH TO WATER DURING PURGE (FT)								
NUMBER OF CASING VOLUMES REMOVED								
DEWATERED?								

## Groundwater Purge and Sample Form

Date: 2/23/94

Kennedy/Jenks Consultants

PROJECT NAME: <u>DAC</u>	WELL NUMBER: <u>WCC 115S</u>
PROJECT NUMBER: <u>924010.01</u>	PERSONNEL: <u>Shane Scrimshire</u>
STATIC WATER LEVEL (FT): <u>66.93</u>	MEASURING POINT DESCRIPTION: <u>Top of casing</u>
WATER LEVEL MEASUREMENT METHOD: <u>Electric Probe</u>	PURGE METHOD: <u>Gravels thru SS pipe</u>
TIME START PURGE: <u>1527</u>	PURGE DEPTH (FT) <u>78'</u>
TIME END PURGE: <u>1538</u>	
TIME SAMPLED: <u>1541</u>	
COMMENTS:	

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	DEPTH TO WATER (FT)	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN)			45 CASING VOLUME (GAL)
					2	4	6	
	<u>89.20</u>	<u>66.93</u>	<u>22.27</u>		0.16	0.64	1.44	<u>15</u>

TIME	<u>1529</u>	<u>1533</u>	<u>1538</u>	<u>1537</u>				
VOLUME PURGED (GAL)	<u>10gal</u>	<u>30gal</u>	<u>40gal</u>	<u>50gal</u>				
PURGE RATE (GPM)	<u>Sgpm</u>	<u>Sgpm</u>	<u>Sgpm</u>	<u>Sgpm</u>				
TEMPERATURE (°C)	<u>73.7</u>	<u>71.0</u>	<u>70.9</u>	<u>70.9</u>				
pH	<u>7.63</u>	<u>7.56</u>	<u>7.55</u>	<u>7.55</u>				
SPECIFIC CONDUCTIVITY (micromhos) (uncorrected)	<u>1567.</u>	<u>1519.</u>	<u>1476.</u>	<u>1476.</u>				
DISSOLVED OXYGEN (mg/L)								
eH(MV)Pt-AgCl ref.								
TURBIDITY/COLOR	<u>Slight</u>	<u>Turb.</u>	<u>Clear</u>	<u>Clear</u>	<u>Clear</u>			
ODOR	<u>NONE</u>	<u>NONE</u>	<u>NONE</u>	<u>NONE</u>				
DEPTH OF PURGE INTAKE (FT)								
DEPTH TO WATER DURING PURGE (FT)								
NUMBER OF CASING VOLUMES REMOVED								
DEWATERED?								

## Groundwater Purge and Sample Form

Date: 2/24/94

Kennedy/Jenks Consultants

PROJECT NAME:	DAC			WELL NUMBER:	WCC-125			
PROJECT NUMBER:	924010.01			PERSONNEL:	Strane Scrimshire			
STATIC WATER LEVEL (FT):	65.05			MEASURING POINT DESCRIPTION:	Top of casing (North)			
WATER LEVEL MEASUREMENT METHOD:	Electric Probe			PURGE METHOD:	Grindfors thru stainless pipe			
TIME START PURGE:	851			PURGE DEPTH (FT)	77'			
TIME END PURGE:	852							
TIME SAMPLED:	908							
COMMENTS:								
WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	-	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN)	48 CASING VOLUME (GAL)
	90.05	-	65.05	-	25.00		0.16    0.64    1.44	
TIME	853	855	857	859	901			
VOLUME PURGED (GAL)	10 gal	20 gal	30 gal	40	50			
PURGE RATE (GPM)	5gpm	5gpm	5gpm	5gpm	5gpm			
TEMPERATURE (°C)	68.7	70.7	72.1	72.9	72.9			
pH	7.46	716	7.16	7.17	7.17			
SPECIFIC CONDUCTIVITY (micromhos) (uncorrected) cm	1161.	1115.	1151.	1171.	1172.			
DISSOLVED OXYGEN (mg/L)								
eH(MV)Pt-AgCl ref.								
TURBIDITY/COLOR	semi clear	clear	clear	clear	clear			
ODOR	NONE	NONE	NONE	NONE	NONE			
DEPTH OF PURGE INTAKE (FT)	77'	77'	77'	77'	77'			
DEPTH TO WATER DURING PURGE (FT)								
NUMBER OF CASING VOLUMES REMOVED								
DEWATERED?								

## Groundwater Purge and Sample Form

Date: 2/24/94

Kennedy/Jenks Consultants

PROJECT NAME:	<u>72 DAC</u>			WELL NUMBER:	<u>DAC- P1</u>		
PROJECT NUMBER:	<u>924010.01</u>			PERSONNEL:	<u>Shane Scimone</u>		
STATIC WATER LEVEL (FT):	<u>69.18</u>			MEASURING POINT DESCRIPTION:	<u>top of casing (NOM)</u>		
WATER LEVEL MEASUREMENT METHOD:	<u>Electric Probe</u>			PURGE METHOD:	<u>Ground to stainless pipe</u>		
TIME START PURGE:	<u>1305</u>			PURGE DEPTH (FT)	<u><del>80</del> 78'</u>		
TIME END PURGE:	<u>1400</u>						
TIME SAMPLED:	<u>1413</u>						
COMMENTS:	<u>Well would de-watered at a purge rate of 5gpm so we slowed rate to about 1gpm. We lowered pump about 5' &amp; it maintained 5gpm.</u>						
WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	DEPTH TO WATER (FT)	WATER COLUMN (FT)	MULTIPLIER FOR CASING DIAMETER (IN)			42 CASING VOLUME (GAL)
				X	2	4	
	<u>89.90</u>	<u>69.18</u>	<u>20.72</u>		<u>0.16</u>	<u>0.64</u>	<u>1.44</u>
TIME	<u>1317</u>	<u>1327</u>	<u>1331</u>	<u>1341</u>	<u>1400</u>		
VOLUME PURGED (GAL)	<u>10 gal</u>	<u>20</u>	<u>30</u>	<u>40</u>	<u>45</u>		
PURGE RATE (GPM)	<u>1 gpm</u>	<u>1 gpm</u>	<u>5 gpm</u>	<u>1 gpm</u>	<u>1 gpm</u>		
TEMPERATURE (°C)	<u>76.4</u>	<u>78.7</u>	<u>76.8</u>	<u>78.1</u>	<u>78.0</u>		
pH	<u>6.90</u>	<u>6.91</u>	<u>7.24</u>	<u>7.34</u>	<u>7.35</u>		
SPECIFIC CONDUCTIVITY (micromhos) (uncorrected)	<u>2510.</u>	<u>1960</u>	<u>2160.</u>	<u>2000.</u>	<u>2010.</u>		
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	<u>Semi clear</u>	<u>Semi clear</u>	<u>Semi clear</u>	<u>Semi clear</u>	<u>clear</u>		
ODOR	<u>NO</u>	<u>NO</u>	<u>NO</u>	<u>NO</u>	<u>NO</u>		
DEPTH OF PURGE INTAKE (FT)	<u>78'</u>	<u>78'</u>	<u>78'</u>	<u>78'</u>	<u>78'</u>		
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

## Groundwater Purge and Sample Form

Date: 2/23/94

Kennedy/Jenks Consultants

PROJECT NAME:	DAC			WELL NUMBER:	WCC 10			
PROJECT NUMBER:	424010.01			PERSONNEL:	Strane Scrimshire			
STATIC WATER LEVEL (FT):	68.28			MEASURING POINT DESCRIPTION:	Top of casing			
WATER LEVEL MEASUREMENT METHOD:	Electric Probe			PURGE METHOD:	Gravels thru SS. pipe			
TIME START PURGE:	1436			PURGE DEPTH (FT)	91'			
TIME END PURGE:	1452							
TIME SAMPLED:	1500							
COMMENTS:								
WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	DEPTH TO WATER (FT)	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN)		(29. CASING VOLUME (GAL)	
					2	4		6
	135.75	68.28	67.42		0.16	0.64	1.44	43
TIME	1440	1443	1447	1449	1450	1451		
VOLUME PURGED (GAL)	20	55 gal.	95	110	120	130		
PURGE RATE (GPM)	10 gpm	20 gpm	10 gpm	10 gpm	10 gpm	10 gpm		
TEMPERATURE (°C)	74.5	74.8	74.9	75.1	74.7	74.7		
pH	7.80	7.49	7.57	7.57	7.59	7.60		
SPECIFIC CONDUCTIVITY (micromhos) (uncorrected) cm	791.	763.	740.	742	741	740		
DISSOLVED OXYGEN (mg/L)								
eH(MV)Pt-AgCl ref.								
TURBIDITY/COLOR	Clear	Clear	Clear	Clear	Clear	Clear		
ODOR	NONE	None	None	NONE	NONE	NONE		
DEPTH OF PURGE INTAKE (FT)								
DEPTH TO WATER DURING PURGE (FT)								
NUMBER OF CASING VOLUMES REMOVED								
DEWATERED?								

## Groundwater Purge and Sample Form

Date: 2/23/94

Kennedy/Jenks Consultants

PROJECT NAME:	DAC		WELL NUMBER:	WCC 3D			
PROJECT NUMBER:	924010.01 <del>924010.100+</del>		PERSONNEL:	Shane Scrimshire			
STATIC WATER LEVEL (FT):	68.90		MEASURING POINT DESCRIPTION:	Top of casing (North)			
WATER LEVEL MEASUREMENT METHOD:	Electric Probe		PURGE METHOD:	Groundflow thru SS pipe			
TIME START PURGE:	1140		PURGE DEPTH (FT)	103'			
TIME END PURGE:	1213						
TIME SAMPLED:	1225						
COMMENTS:							
WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	DEPTH TO WATER (FT)	WATER COLUMN (FT)	MULTIPLIER FOR CASING DIAMETER (IN)		135 CASING VOLUME (GAL)	
				2	4		6
	138.70	68.90	70	0.16	0.64	1.44	44.80
TIME	1142	1144	1152	1204	1211		
VOLUME PURGED (GAL)	10 gal	22 gal	55 gal.	95	135		
PURGE RATE (GPM)	6 gpm	6 gpm	6 gpm	5 gpm	5 gpm		
TEMPERATURE (°C)	75.5	74.7	76.2	72.0	73.0		
pH	7.42	7.25	7.46	7.46	7.46		
SPECIFIC CONDUCTIVITY (micromhos) (uncorrected)	795	762	769	742	743		
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	Clear	Clear	Clear	Clear	Clear		
ODOR	NO	NO	NO	NO	NO		
DEPTH OF PURGE INTAKE (FT)	103'	103'	103'	103	103'		
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

## WATER LEVEL DATA SHEET

No.	Date	Time	Elevation	To Water	Elevation	Time	Comments
WCC-3D	2/23/94			68.90		SCS	H2O ~ BOK
WCC-5S				66.00			89.50
WCC-9S				65.10			88.10
WCC-10				65.25			H2O 13cm 135.75 ± 60
WCC-11S				66.93			89.20
WCC-10S				68.20			88.40
WCC-2S				68.07			88.80
WCC-12S				65.05			90.05
WCC-7S				66.51			88.95
WCC-4S				67.46			91.60
WCC-6S				68.87			89.15
WCC-8S				89.56	89.60		89.10
WCC-1S				68.31			83.55
WCC-3S				68.86			H2O ~ BOK
DAC: P1	↓			69.08	↓		89.90

Job No. 924010.01

Facility DAC C-6 Facility

**APPENDIX D**  
**CHAIN-OF-CUSTODY RECORDS**

## SAMPLE CHAIN-OF-CUSTODY ANALYSIS REQUEST

LJ 200 New Stone Rd., #110, Bakersfield, CA 93309

 530 South 336th St., Federal Way, WA 98003

JE 17310 Red Hill Ave., #220, Irvine, CA 92714

 2191 East Bayshore Rd., #200, Palo Alto, CA 94303

LJ 5150 Hill Road, #300, Reno, NV 89502

 3336 Bradshaw Rd., #140, Sacramento, CA 95827 303 Second St., San Francisco, CA 94107 1000 Hill Rd., #200, Ventura, CA 93003

## POSSIBLE HAZARDS:

Date 2/23/94Report To Sarah CartlingSource of Samples OACCompany Kennedy JenksSampler Name Shane Scrimshire Address 17310 Red Hill Ave. #220Phone 714-261-1577

Irvine CA 92714

Project No. 924010.01Phone 714-261-1577

(1) Lab ID No.	(1) Client ID No.	COLLECTION		(2) Type	(3) Depth	(3) Comp.	(4) Pres.	Turn-around Standards	(5) ANALYSES REQUESTED				Comment/Conditions (Container type, container number, etc.)
		Date	Time						EPA	6240	8240	8240/6240	
ID11408	WCC3D-S	2/23/94	1225	W		HCl		X					3-40 ml VOA <sup>s</sup>
ID11409	WCC5S-S		1330	W				X					"
ID11410	WCC9S-S		1400	W				X					"
ID11411	WCC1D-S		1500	W				X					"
ID11412	WCC11S-S		1541	W				X					"
ID11413	WCC10S-S		1620	W				X					"
ID11414	FB022394		1605	W				X					1-40 ml VOA
ID11415	DW022394		—	W				X					3-40 ml VOA <sup>s</sup>
ID11416	TB022394		—	W				X					1-40 ml VOA

(1) Write only one sample number in each space.

(2) Specify type of sample(s): Water (W), Solid (S), or indicate type.

(3) Mark each sample which should be composited in Laboratory as follows: Place an "A" in box for each sample that should be composited into one sample; use sequential letter for additional groups.

(4) Preservation of sample.

(5) Write each analyses requested across top. Place an "X" in appropriate column to indicate type of analysis needed for each sample.

## SAMPLE RELINQUISHED BY:

Print Name	Signature	Company	Date	Time	Print Name	Signature	Company	Date	Time
Shane Scrimshire		K/J	2/23/94	1755	JEFF FREEMAN		JTL	2/23	1755

## KENNEDY/JENKS CONSULTANTS

## SAMPLE CHAIN-OF-CUSTODY ANALYSIS REQUEST

 200 New Stine Rd., #115, Bakersfield, CA 93309 5190 Neil Road, #300, Reno, NV 89502 530 South 336th St., Federal Way, WA 98003 3336 Bradshaw Rd., #140, Sacramento, CA 95827 17310 Red Hill Ave., #220, Irvine, CA 92714 303 Second St., San Francisco, CA 94107 2191 East Bayshore Rd., #200, Palo Alto, CA 94303 1000 Hill Rd., #200, Ventura, CA 93003

POSSIBLE HAZARDS: \_\_\_\_\_

Date 2/24/94Report To Sarah BartlingSource of Samples DACCompany Kennedy/JenksSampler Name Shane Scrimshire Address 17310 Red Hill Ave #220Phone (714) 261-1577 Irvine CA 92714Project No. 924 010.01Phone (714)-261-1577(6)  
ANALYSES REQUESTED

8928 / Other

Lab Destination \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_Phone \_\_\_\_\_  
\_\_\_\_\_

Carrier/Way Bill No. \_\_\_\_\_

Comment/Conditions  
(Container type, container number, etc.)

(1) Lab ID No.	(1) Client ID No.	COLLECTION		(2) Date	(2) Time	(3) Type	(3) Depth	(3) Comp.	(4) Pres.	(4) Turn-around	(5) Number	(6) Analyses
ID11424	WCC 2S-8	2/24/94	828	W				HCl			X	
ID11425	WCC 12S-8		908								X	
ID11426	WCC 7S-8		940								X	
ID11427	WCC 4S-8		1008								X	
ID11428	WCC 6S-8		1040								X	
ID11429	WCC 8S-8		1135								X	
ID11430	WCC 1S-8		1202								X	
ID11431	WCC 3S-8		1236								X	
ID11432	DAC PI-8	↓	1413	↓					↓	↓	X	

(1) Write only one sample number in each space.

(2) Specify type of sample(s): Water (W), Solid (S), or indicate type.

(3) Mark each sample which should be composited in Laboratory as follows: Place an "A" in box for each sample that should be composited into one sample; use sequential letter for additional groups.

(4) Preservation of sample.

(5) Write each analyses requested across top. Place an "X" in appropriate column to indicate type of analysis needed for each sample.

## SAMPLE RELINQUISHED BY:

Print Name	Signature	Company	Date	Time	Print Name	Signature	Company	Date	Time
Shane Scrimshire		KJS	2/24/94		NICHOLS	e. nichols	TTL	2/24	13:30

**KENNEDY/JENKS CONSULTANTS**

## **SAMPLE CHAIN-OF-CUSTODY ANALYSIS REQUEST**

**POSSIBLE HAZARDS:** \_\_\_\_\_

Date 2/24/94

Report To Sarah Bartling

**Source of Samples** DAC

**Company** Kennedy Franks

Sampler Name Shane Scrimshire

Address 13310 Royal Hill Ave #220

Phone (714) 261-1577

Irving CA 92714

Project No. 924010.01

Phone (714) 261-1577

- |   |  |
|---|--|
| <input type="checkbox"/> 200 New Stine Rd., #115, Bakersfield, CA 93309         | <input type="checkbox"/> 5190 Ned Hoed, #300, Reno, NV 89502           |
| <input type="checkbox"/> 530 South 330th St., Federal Way, WA 98003             | <input type="checkbox"/> 3336 Bradshaw Rd., #140, Sacramento, CA 95827 |
| <input checked="" type="checkbox"/> 17310 Red Hill Ave., #220, Irvine, CA 92714 | <input type="checkbox"/> 303 Second St., San Francisco, CA 94107       |
| <input type="checkbox"/> 2191 East Bayshore Rd., #200, Palo Alto, CA 94303      | <input type="checkbox"/> 1000 Hill Rd., #200, Ventura, CA 93003        |

### **Lab Destination**

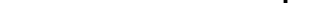
### **Address**

**Phone**

**Carrier/Way Bill No.** \_\_\_\_\_

- (1) Write only one sample number in each space.  
(2) Specify type of sample(s): Water (W), Solid (S), or indicate type.  
(3) Mark each sample which should be composited in Laboratory as follows: Place an "A" in box for each sample that should be composited into one sample; use sequential letter for additional groups.  
(4) Preservation of sample.  
(5) Write each analyses requested across top. Place an "X" in appropriate column to indicate type of analysis needed for each sample.

**SAMPLE RELINQUISHED BY:**

Print Name	Signature	Company	Date	Time	Print Name	Signature	Company	Date	Time
Shane Scrimshire		K/S	2/24/14		NICHOLS		TTR	2/24/14	15: